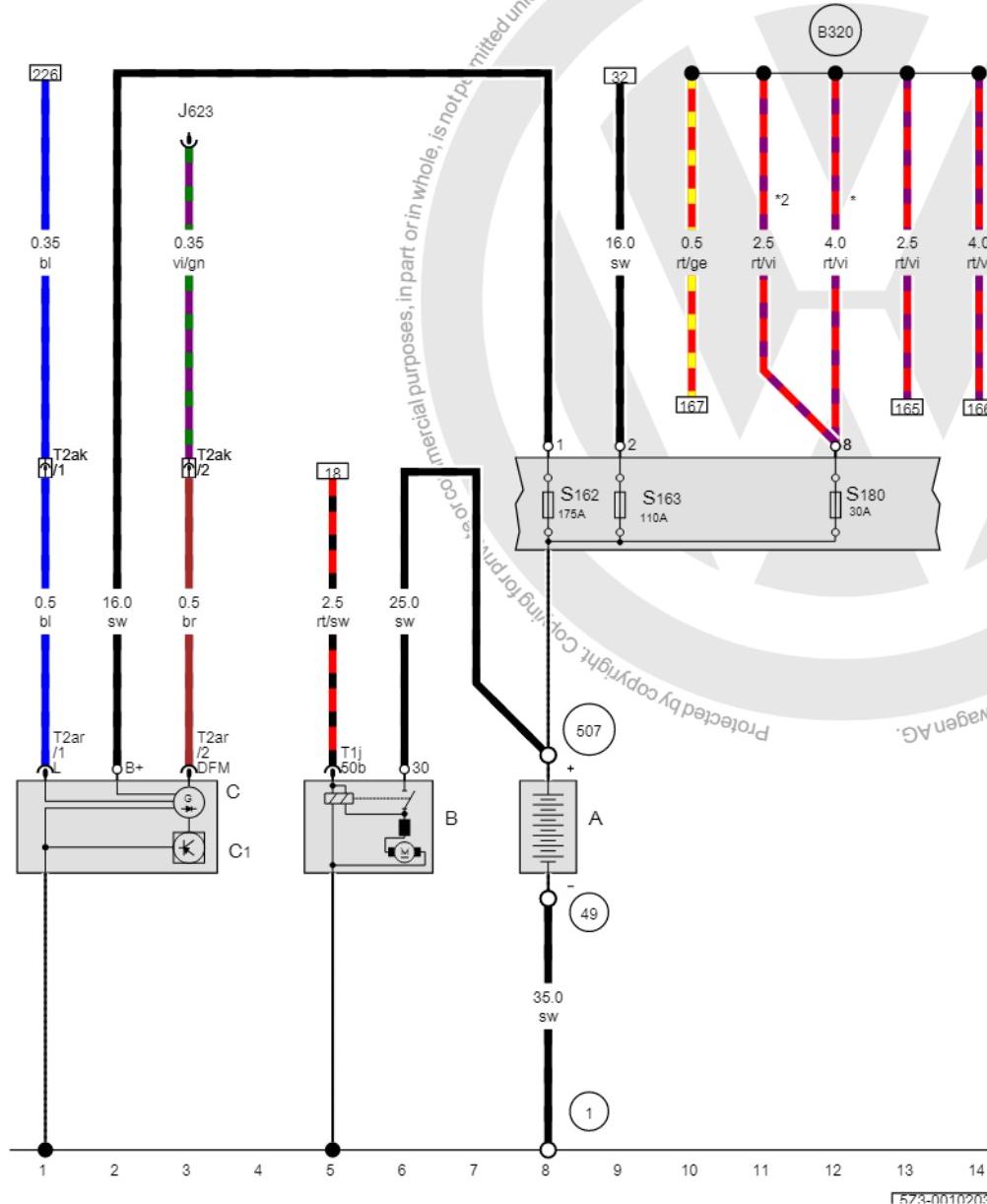


Basic equipment

From August 2009



Battery, Starter, Alternator, Voltage regulator



- | | |
|---------|--|
| A | Battery |
| B | Starter |
| C | Alternator |
| C1 | Voltage regulator |
| J623 | Engine control unit |
| S162 | Fuse 1 (30), in battery fuse holder |
| S163 | Fuse 2 (30), in battery fuse holder |
| S180 | Fuse 8 (30), in battery fuse holder |
| T1j | Single connector |
| T2ak | 2-pin connector, in engine compartment |
| T2ar | 2-pin connector |
| 1 | Earth strap, battery - body |
| 49 | Earth point, near ..., near battery |
| 507 | Threaded connection (30), on battery fuse holder |
| B320 | Positive connection 6 (30a) in main wiring harness |
| *
*2 | Up to October 2010
From October 2010 |

ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

Ignition/starter switch, X-contact relief relay

D Ignition/starter switch

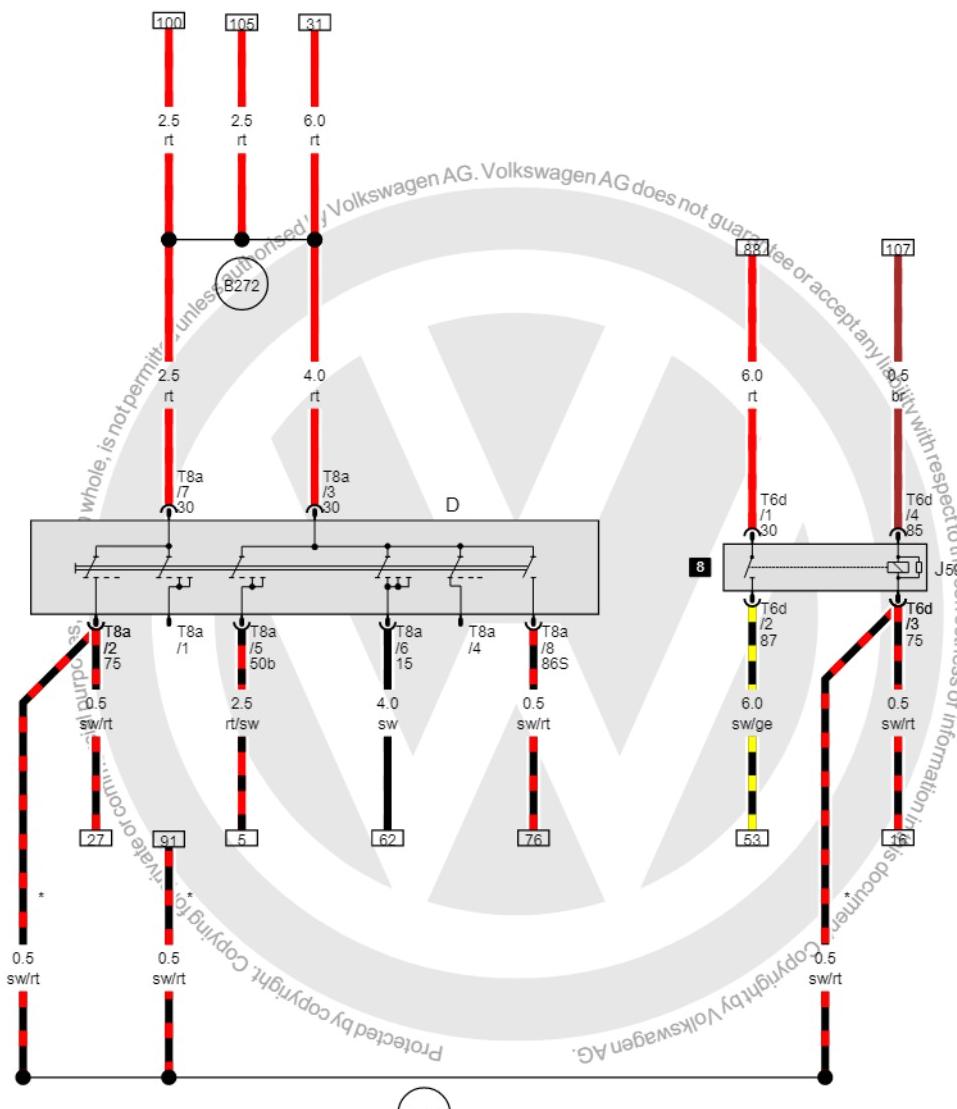
J59 X-contact relief relay

T6d 6-pin connector

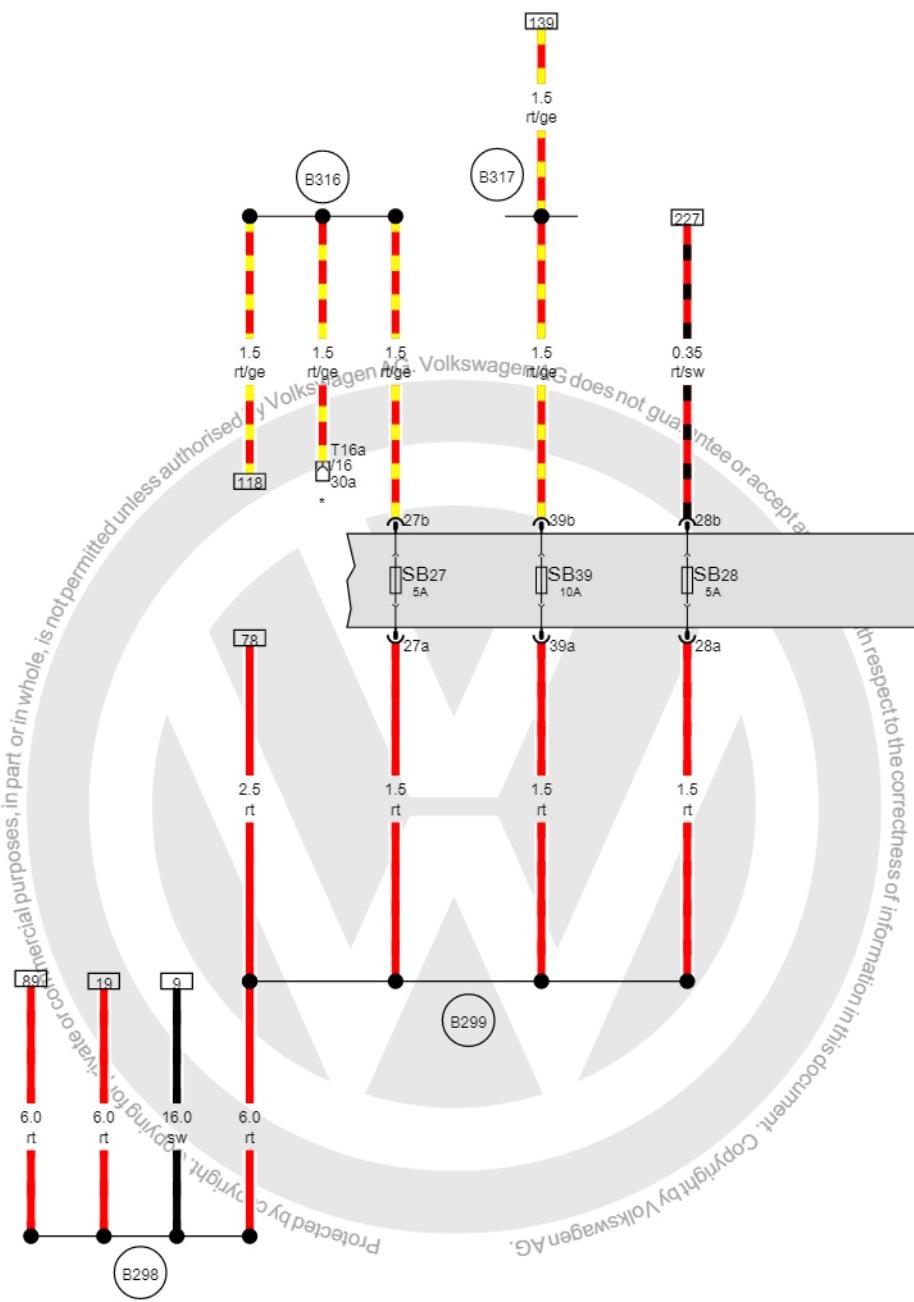
T8a 8-pin connector



From November 2009



ws	= white
sw	= black
ro	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
ge	= yellow
or	= orange
rs	= pink



Fuse 27 on fuse holder B, Fuse 28 on fuse holder B, Fuse 39 on fuse holder B

SB27 Fuse 27 on fuse holder B
SB28 Fuse 28 on fuse holder B
SB39 Fuse 39 on fuse holder B
T16a 16-pin connector

B298 Positive connection 2 (30), in main wiring harness

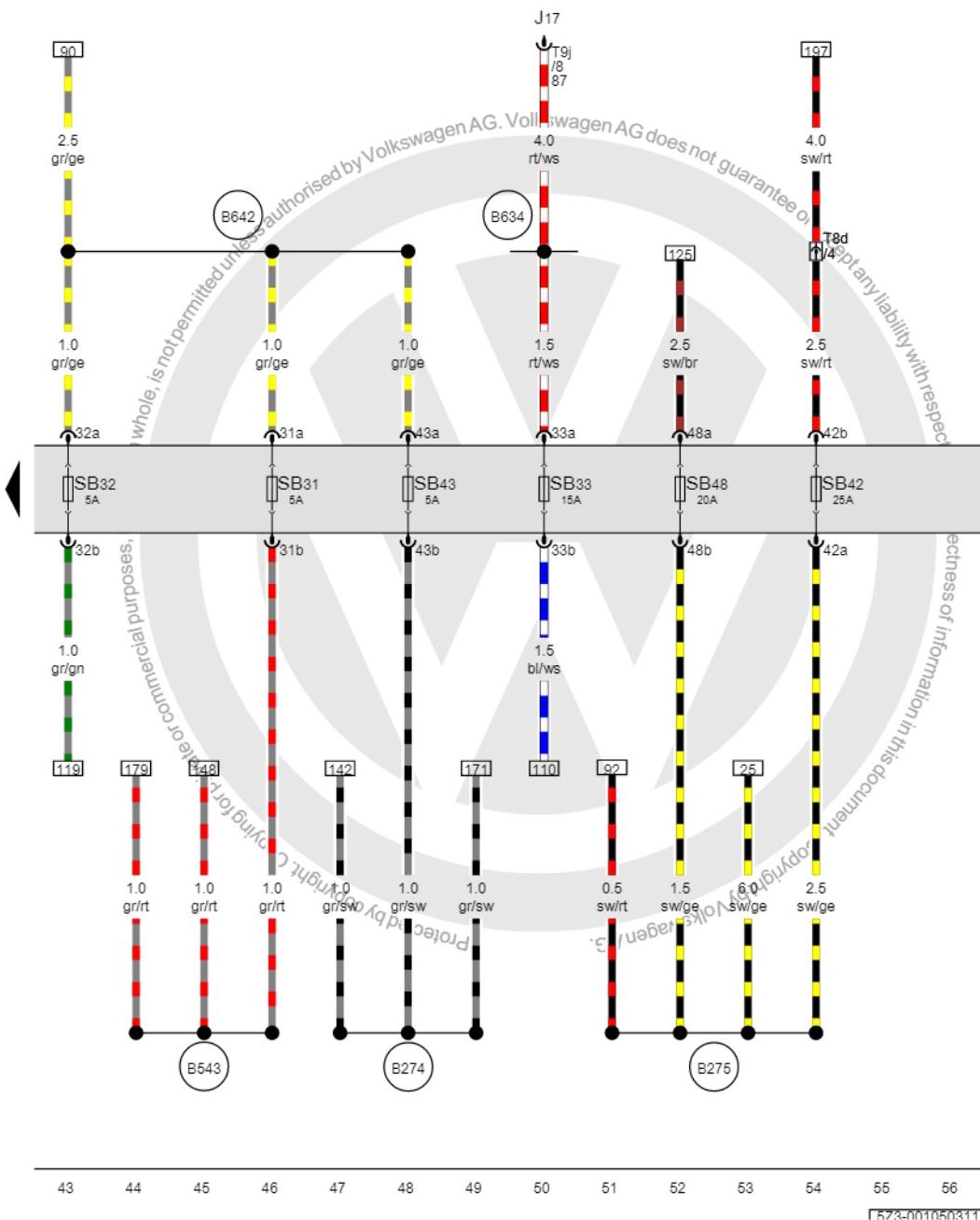
B299 Positive connection 3 (30), in main wiring harness

B316 Positive connection 2 (30a) in main wiring harness

B317 Positive connection 3 (30a) in main wiring harness

* Diagnostic connection

ws	= white
sw	= black
ro	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
ge	= yellow
or	= orange
rs	= pink

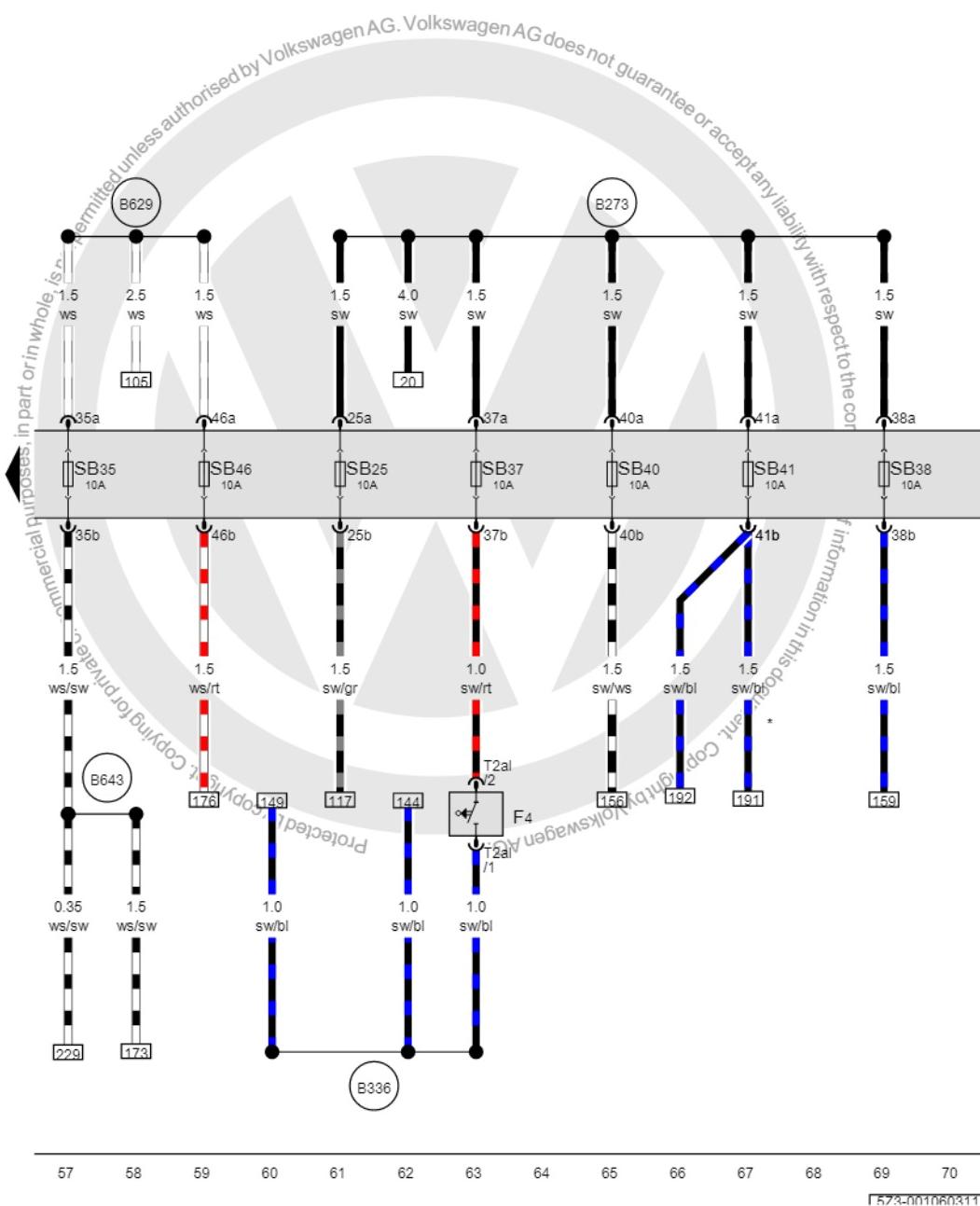


Fuse 31 on fuse holder B, Fuse 32 on fuse holder B, Fuse 33 on fuse holder B, Fuse 42 on fuse holder B, Fuse 43 on fuse holder B, Fuse 48 on fuse holder B

- J17 Fuel pump relay
- SB31 Fuse 31 on fuse holder B
- SB32 Fuse 32 on fuse holder B
- SB33 Fuse 33 on fuse holder B
- SB42 Fuse 42 on fuse holder B
- SB43 Fuse 43 on fuse holder B
- SB48 Fuse 48 on fuse holder B
- T8d 8-pin connector, behind dash panel, centre
- T9j 9-pin connector
- (B274) Positive connection (58L), in main wiring harness
- (B275) Positive connection (87), in main wiring harness
- (B543) Positive connection (58R), in main wiring harness
- (B634) Positive connection 2 (87), in main wiring harness
- (B642) Positive connection (58), in main wiring harness

ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

1523-0010503111



Reversing light switch

F4 Reversing light switch
 SB25 Fuse 25 on fuse holder B
 SB35 Fuse 35 on fuse holder B
 SB37 Fuse 37 on fuse holder B
 SB38 Fuse 38 on fuse holder B
 SB40 Fuse 40 on fuse holder B
 SB41 Fuse 41 on fuse holder B
 SB46 Fuse 46 on fuse holder B
 T2al 2-pin connector

B273 Positive connection (15), in main wiring harness

B336 Connection 2 (54), in main wiring harness

B629 Connection (56a), in main wiring harness

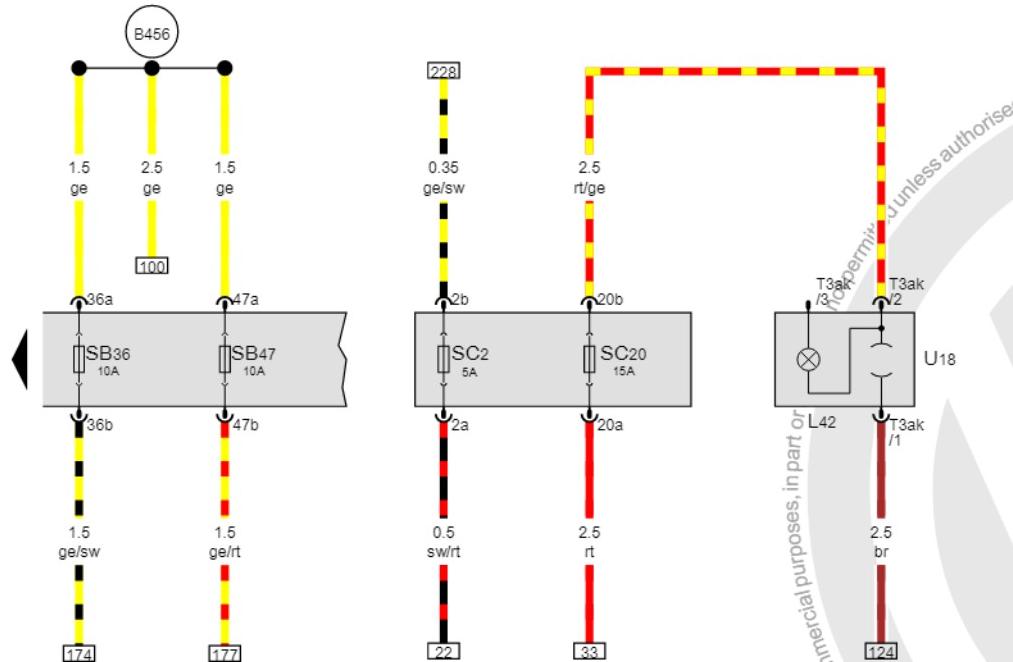
B643 Connection 2 (56a), in main wiring harness

ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

Socket illumination bulb, 12 V socket 2

L42 Socket illumination bulb
 SC2 Fuse 2 on fuse holder C
 SC20 Fuse 20 on fuse holder C
 SB36 Fuse 36 on fuse holder B
 SB47 Fuse 47 on fuse holder B
 T3ak 3-pin connector
 U18 12 V socket 2

B456 Connection (56b), in main wiring harness



Unless authorised by Volkswagen AG, Volkswagen AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copying for private or commercial purposes, in part or in full, is only permitted with the written permission of Volkswagen AG.

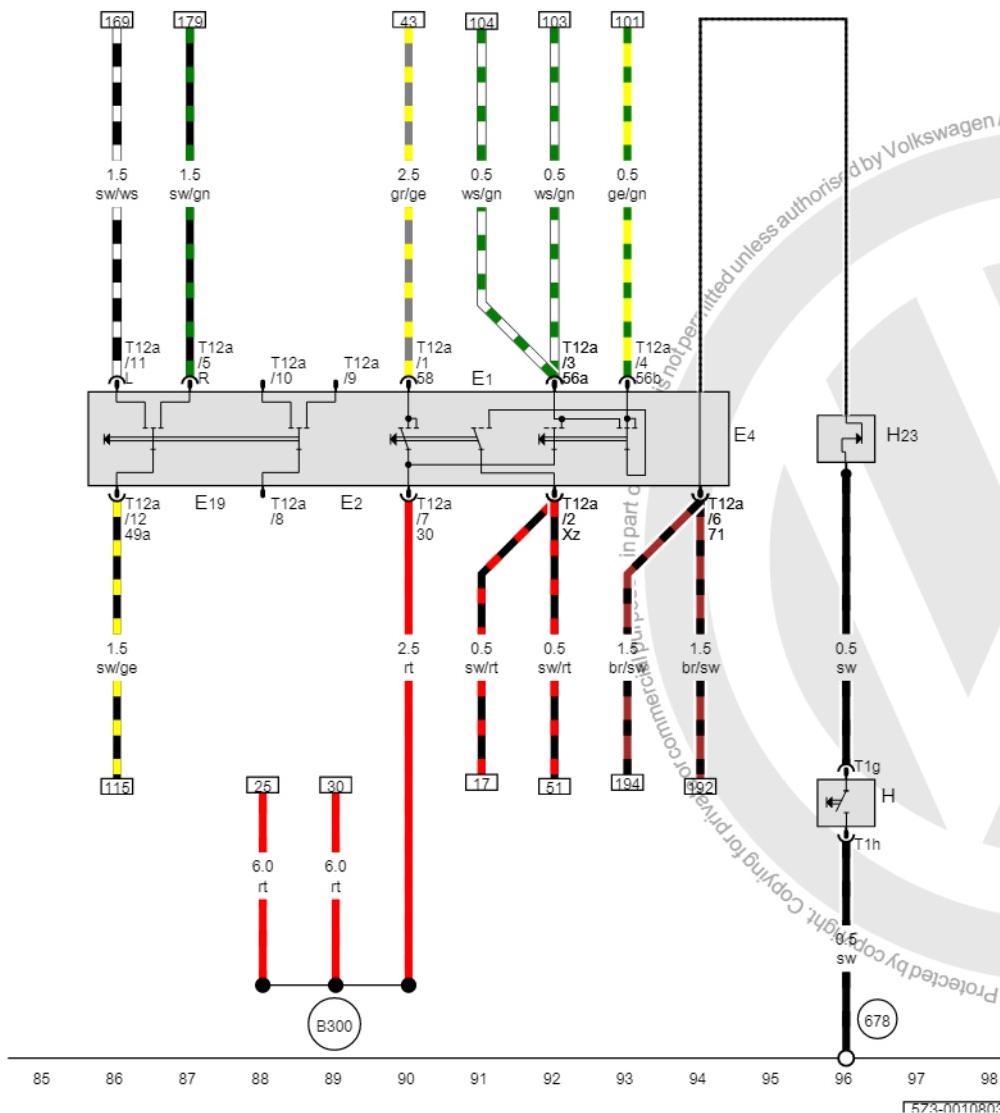
ws	= white
sw	= black
ro	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
ge	= yellow
or	= orange
rs	= pink

Light switch, Turn signal switch, Headlight dipper and flasher switch, Parking light switch, Horn plate, Horn activation contact ring

- E1 Light switch
 - E2 Turn signal switch
 - E4 Headlight dipper and flasher switch
 - E19 Parking light switch
 - H Horn plate
 - H23 Horn activation contact ring
 - T1g Single connector
 - T1h Single connector
 - T12a 12-pin connector

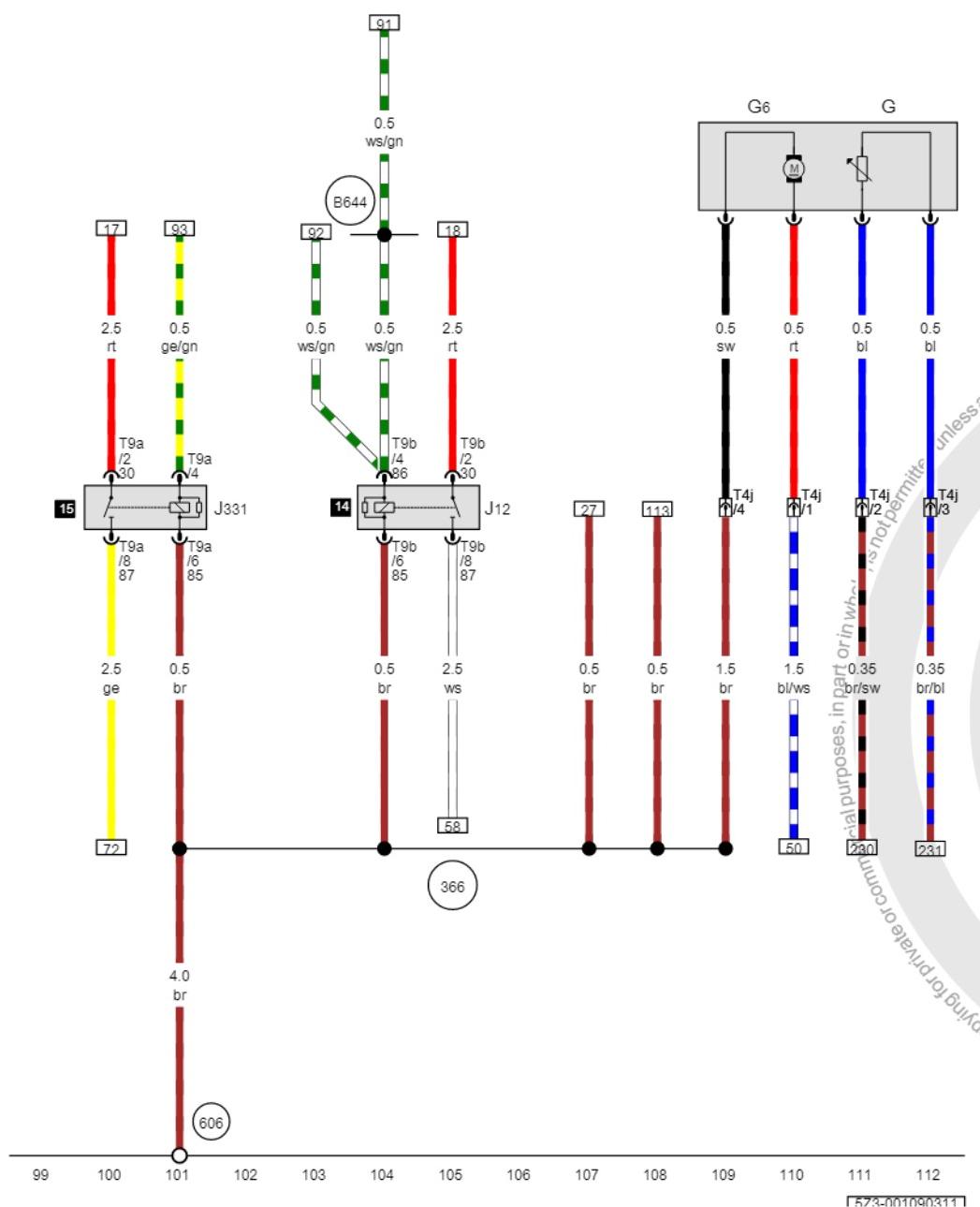
678 Earth point, on steering wheel

(B300) Positive connection 4 (30), in main wiring harness



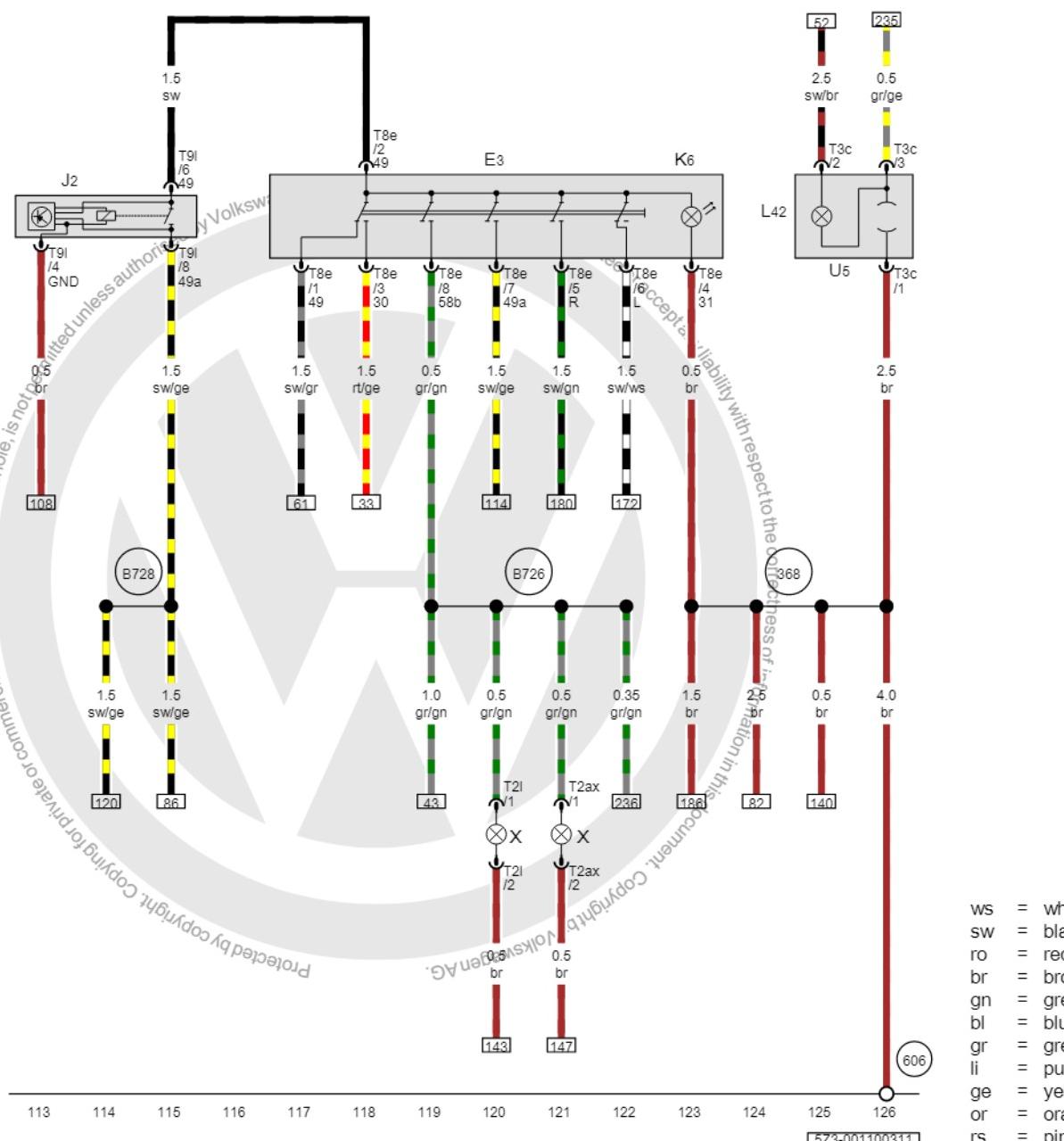
ws	= white
sw	= black
ro	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
ge	= yellow
or	= orange
rs	= pink

Fuel gauge sender, Fuel system pressurisation pump,
Headlight main beam relay, Dipped beam relay



ws	= white
sw	= black
ro	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
ge	= yellow
or	= orange
rs	= pink

Hazard warning light switch, Hazard warning light relay,
Indicator lamp for hazard warning light, Socket illumination
bulb, 12 V socket, Number plate light



- E3 Hazard warning light switch
 J2 Hazard warning light relay
 K6 Indicator lamp for hazard warning light
 L42 Socket illumination bulb
 T2ax 2-pin connector
 T2l 2-pin connector
 T3c 3-pin connector
 T8e 8-pin connector
 T9I 9-pin connector
 U5 12 V socket
 X Number plate light

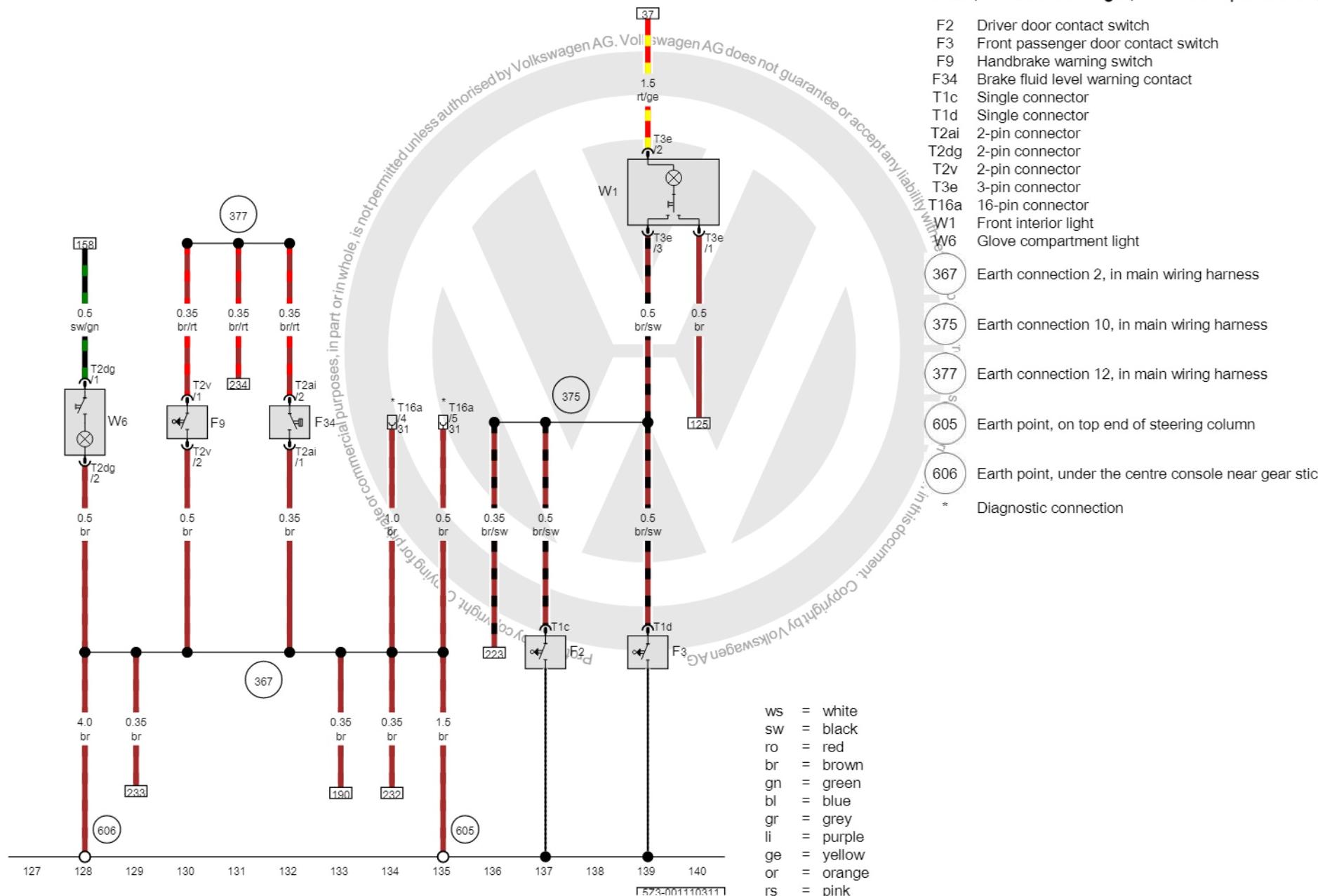
- 368 Earth connection 3, in main wiring harness
 606 Earth point, under the centre console near gear stick
 B726 Positive connection 2 (58), in main wiring harness
 B728 Connection (49a), in main wiring harness

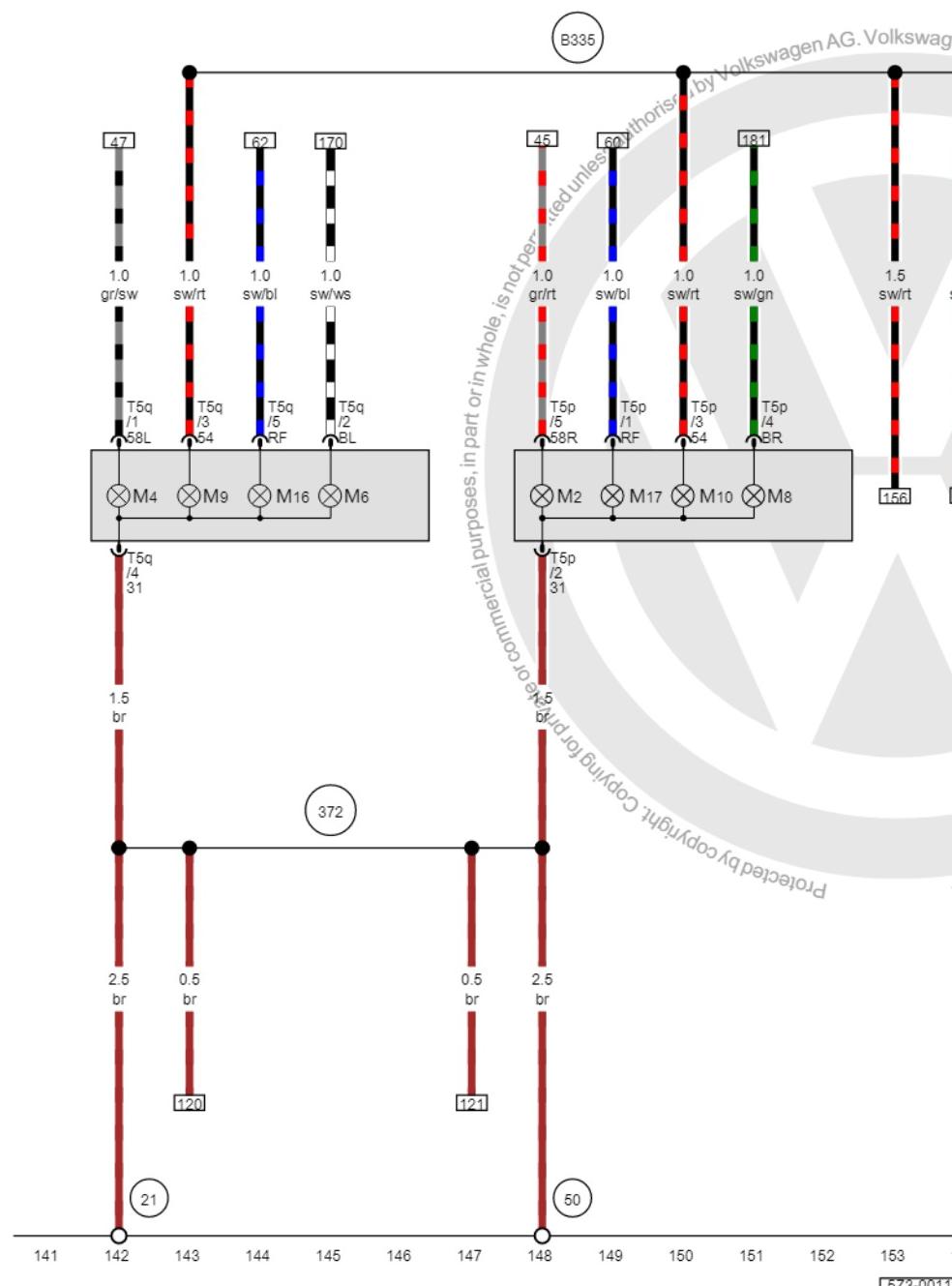
ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

113 114 115 116 117 118 119 120 121 122 123 124 125 126

F573-0011003111

Driver door contact switch, Front passenger door contact switch, Handbrake warning switch, Brake fluid level warning contact, Front interior light, Glove compartment light

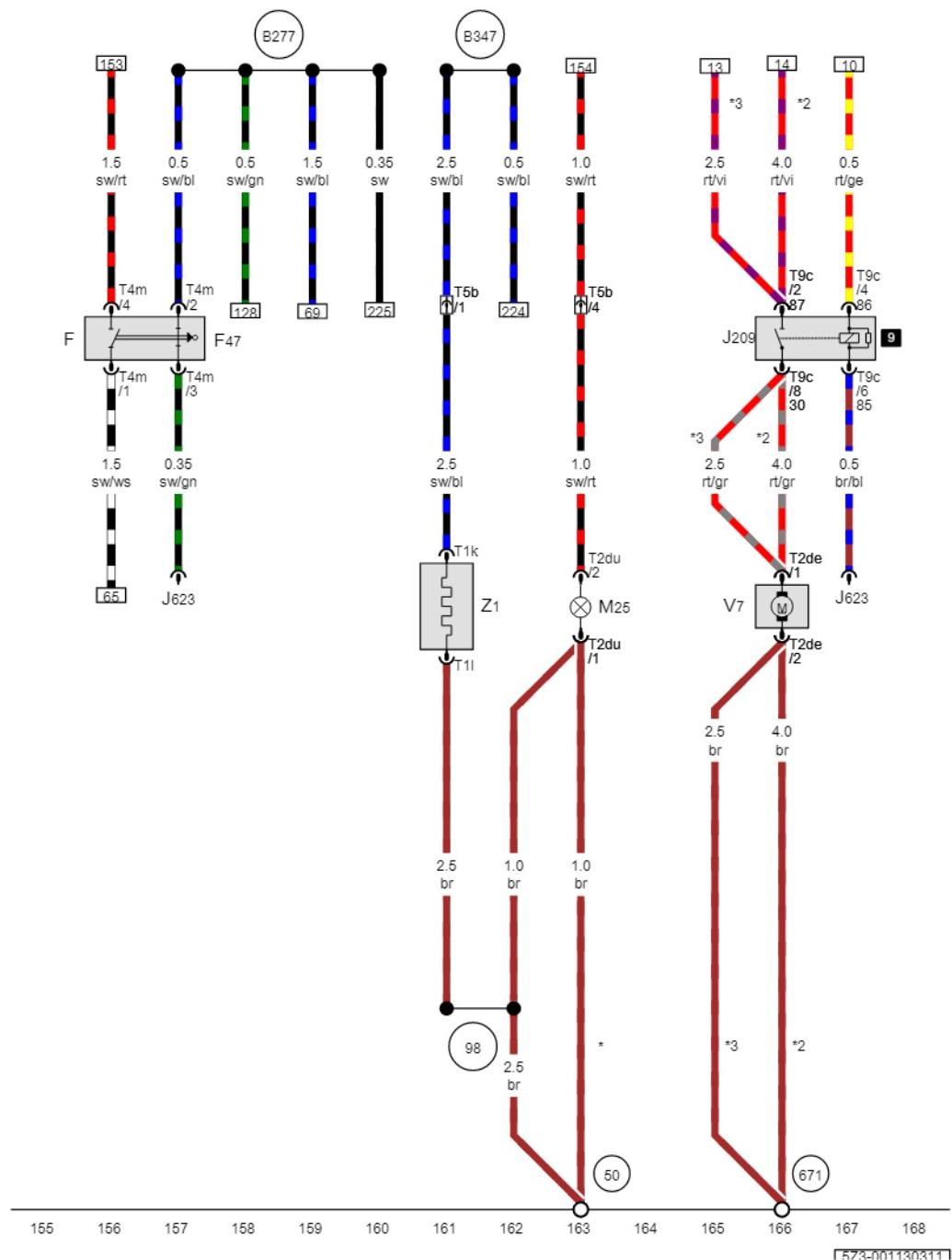




Right tail light bulb, Left tail light bulb, Rear left turn signal bulb, Rear right turn signal bulb, Left brake light bulb, Right brake light bulb, Left reversing light bulb, Right reversing light bulb

- | | |
|------|---|
| M2 | Right tail light bulb |
| M4 | Left tail light bulb |
| M6 | Rear left turn signal bulb |
| M8 | Rear right turn signal bulb |
| M9 | Left brake light bulb |
| M10 | Right brake light bulb |
| M16 | Left reversing light bulb |
| M17 | Right reversing light bulb |
| T5p | 5-pin connector |
| T5q | 5-pin connector |
| 21 | Earth point, near fuel pump |
| 50 | Earth point, on left in luggage compartment |
| 372 | Earth connection 7, in main wiring harness |
| B335 | Connection 1 (54), in main wiring harness |

ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink



Brake light switch, Brake pedal switch, Fresh air blower and radiator fan relay, Additional brake light bulb, Radiator fan, Heated rear window

- F Brake light switch
- F47 Brake pedal switch
- J209 Fresh air blower and radiator fan relay
- J623 Engine control unit
- M25 Additional brake light bulb
- T1k Single connector
- T1l Single connector
- T2de 2-pin connector
- T2du 2-pin connector
- T4m 4-pin connector
- T5b 5-pin connector, behind rear left side trim, near wheel arch
- T9c 9-pin connector
- V7 Radiator fan, Volkswagen AG
- Z1 Heated rear window

50 Earth point, on left in luggage compartment

98 Earth connection, in rear lid wiring harness

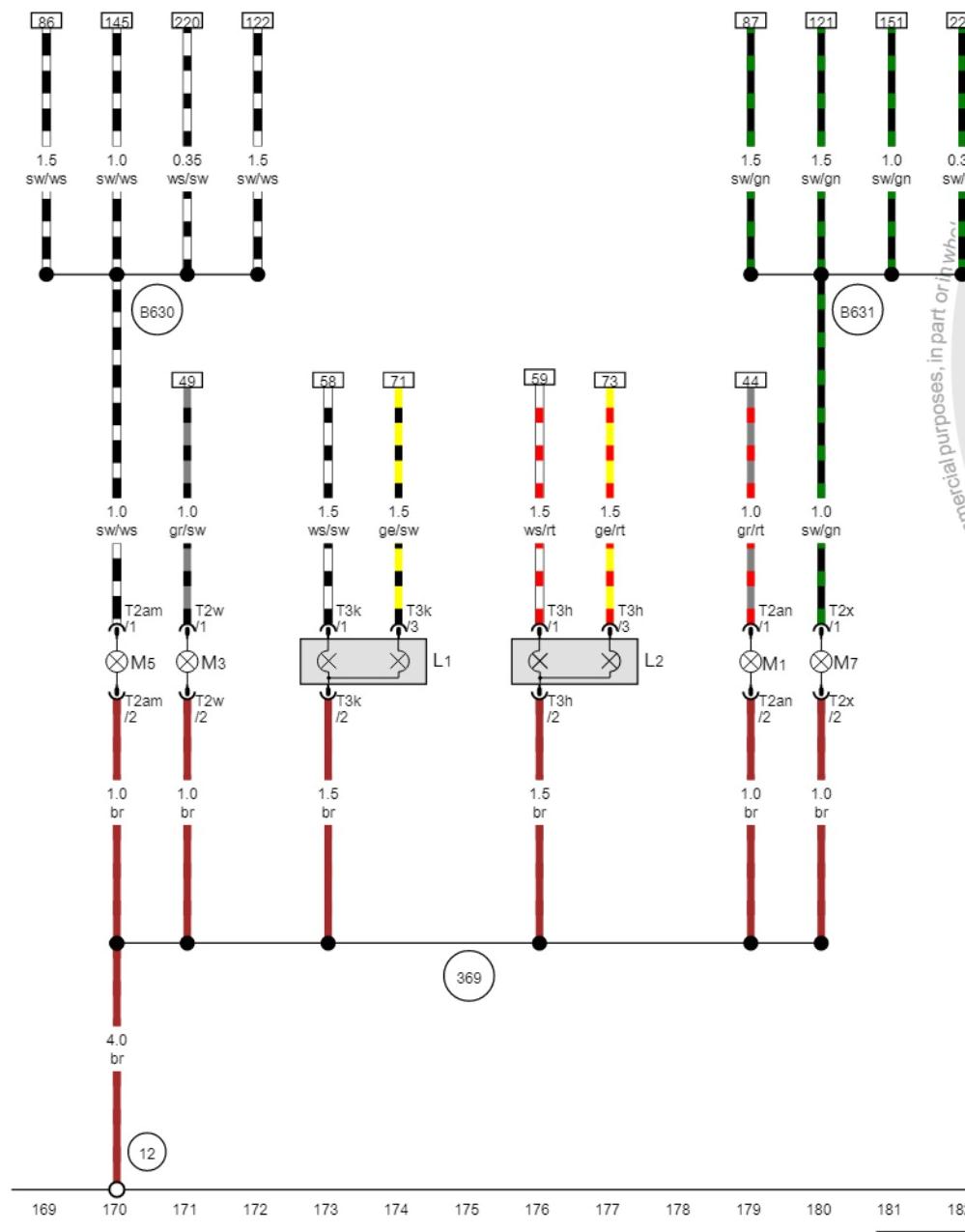
671 Earth point 1, on front of left longitudinal member

B277 Positive connection 1 (15a) in main wiring harness

B347 Connection 2 (75), in main wiring harness

* Only models with no heated rear window
Up to October 2010
From October 2010

Protected by copyright. Copying for private commercial purposes, in part or in whole, is not permitted unless explicitly allowed by law.



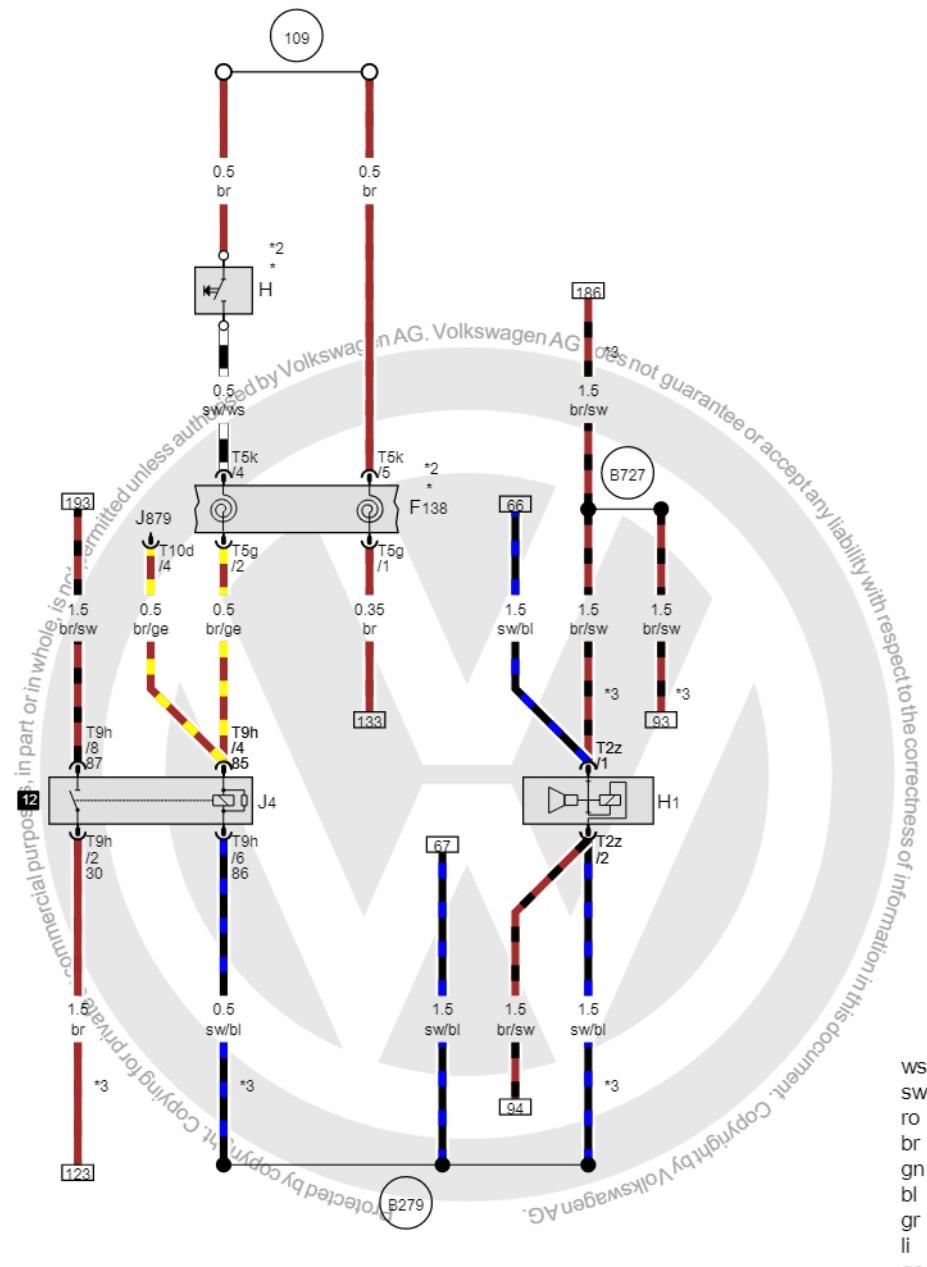
Protected by copyright Volkswagen AG.
Copying for private or commercial purposes, in part or in whole, is
not permitted unless authorised by Volkswagen AG.

Left headlight twin filament bulb, Right headlight twin filament bulb, Left side light bulb, Right side light bulb, Front left turn signal bulb, Front right turn signal bulb

- L1 Left headlight twin filament bulb
- L2 Right headlight twin filament bulb
- M1 Left side light bulb
- M3 Right side light bulb
- M5 Front left turn signal bulb
- M7 Front right turn signal bulb
- T2am 2-pin connector
- T2an 2-pin connector
- T2w 2-pin connector
- T2x 2-pin connector
- T3h 3-pin connector
- T3k 3-pin connector
- 12 Earth point, on left in engine compartment
- 369 Earth connection 4, in main wiring harness
- B630 Positive connection (left turn signal bulb), in main wiring harness
- B631 Positive connection (right turn signal bulb), in main wiring harness

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

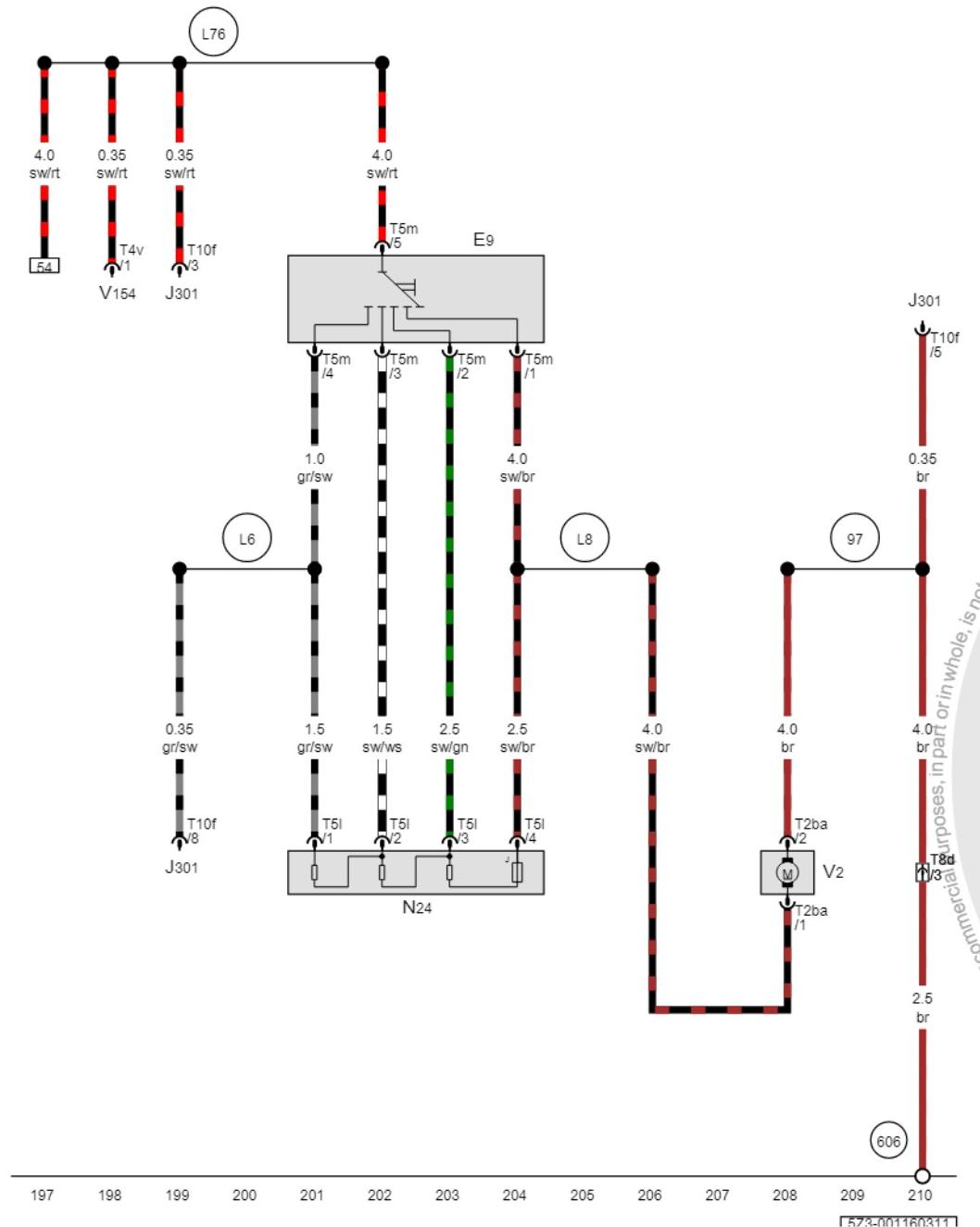
1523-0011403111



Airbag coil connector and return ring with slip ring, Horn plate, Horn or dual tone horn, Dual tone horn relay

- F138 Airbag coil connector and return ring with slip ring
- H Horn plate
- H1 Horn or dual tone horn
- J4 Dual tone horn relay
- J879 Control unit for interactive system
- T2z 2-pin connector
- T5g 5-pin connector
- T5k 5-pin connector
- T9h 9-pin connector
- T10d 10-pin connector
- 109 Earth connection, in airbag wiring harness
- B279 Positive connection 3 (15a) in main wiring harness
- B727 Connection (71a), in main wiring harness
- * Only models with driver and front passenger airbags
- *2 Only models with detachable operating unit for radio
- *3 Only models with multifunction steering wheel or driver and front passenger airbags

ws	= white
sw	= black
ro	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
ge	= yellow
or	= orange
rs	= pink

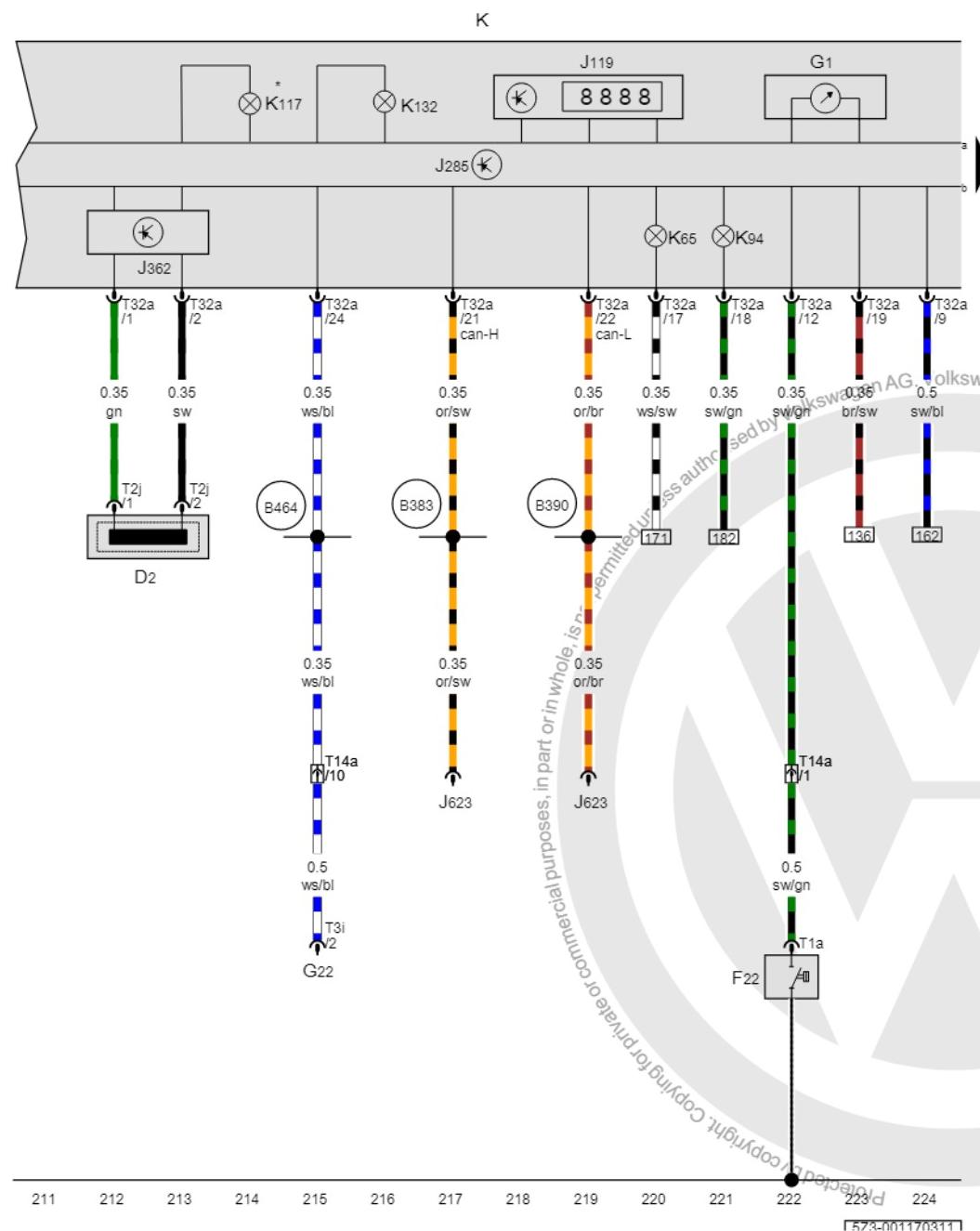


Fresh air blower switch, Fresh air blower series resistor with overheating fuse, Fresh air blower

- | | |
|------|---|
| E9 | Fresh air blower switch |
| J301 | Air conditioning system control unit |
| N24 | Fresh air blower series resistor with overheating fuse |
| T2ba | 2-pin connector |
| T4v | 4-pin connector |
| T5l | 5-pin connector |
| T5m | 5-pin connector |
| T8d | 8-pin connector, behind dash panel, centre |
| T10f | 10-pin connector |
| V2 | Fresh air blower |
| V154 | Fresh air and air recirculation flap control motor |
| 97 | Earth connection 1, in air conditioning system wiring harness |
| 606 | Earth point, under the centre console near gear stick |
| L6 | Connection 2, in evaporator housing unit wiring harness |
| L8 | Connection 4, in evaporator housing unit wiring harness |
| L76 | Connection (87), in air conditioning system wiring harness |

Protected by copyright, all rights reserved, in part or in whole, is not permitted unless authorised by Volkswagen AG. Copying of commercial purposes, in part or in whole, is not permitted.

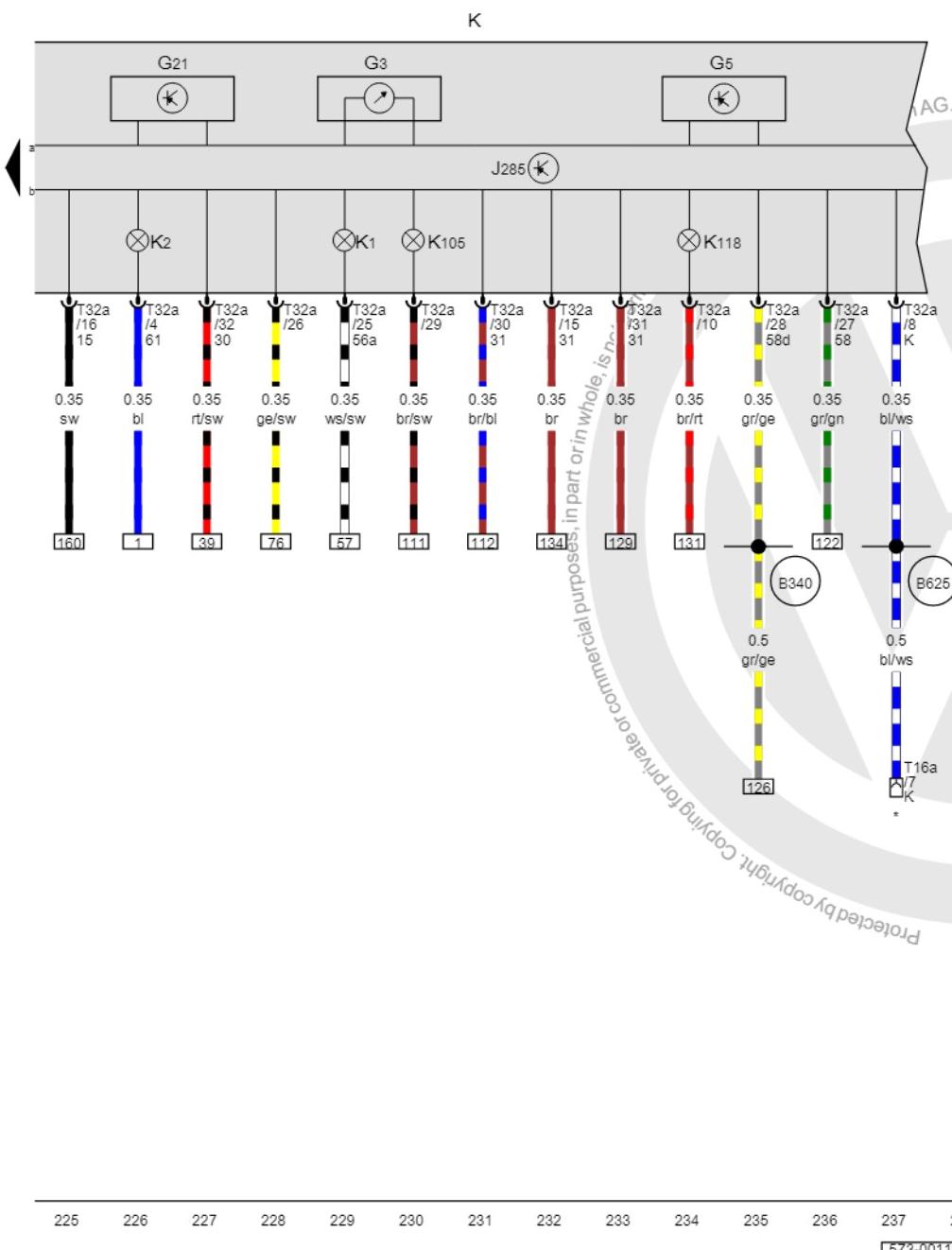
ws	= white
sw	= black
ri	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
ge	= yellow
or	= orange
rs	= pink



Immobiliser reader coil, Oil pressure switch, Fuel gauge, Multifunction indicator, Immobiliser control unit, Dash panel insert, Left turn signal warning lamp, Right turn signal warning lamp, Immobiliser warning lamp, Electronic power control fault lamp

- | | |
|--------|---|
| D2 | Immobiliser reader coil |
| F22 | Oil pressure switch |
| G1 | Fuel gauge |
| G22 | Speedometer sender |
| J119 | Multifunction indicator |
| J285 | Control unit in dash panel insert |
| J362 | Immobiliser control unit |
| J623 | Engine control unit |
| K | Dash panel insert |
| K65 | Left turn signal warning lamp |
| K94 | Right turn signal warning lamp |
| K117 | Immobiliser warning lamp |
| K132 | Electronic power control fault lamp |
| T1a | Single connector |
| T2j | 2-pin connector |
| T3i | 3-pin connector |
| T14a | 14-pin connector, on left in engine compartment |
| T32a | 32-pin connector |
| (B383) | Connection 1 (powertrain CAN bus, high), in main wiring harness |
| (B390) | Connection 1 (powertrain CAN bus, low), in main wiring harness |
| (B464) | Connection (speed signal), in main wiring harness |

ws	= white
sw	= black
ro	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
ge	= yellow
or	= orange
rs	= pink



Coolant temperature gauge, Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert, Main beam warning lamp, Alternator warning lamp, Reserve fuel warning lamp, Brake system warning lamp

G3 Coolant temperature gauge

G5 Rev. counter

G21 Speedometer

J285 Control unit in dash panel insert

K Dash panel insert

K1 Main beam warning lamp

K2 Alternator warning lamp

K105 Reserve fuel warning lamp

K118 Brake system warning lamp

T16a 16-pin connector

T32a 32-pin connector

(B340) Connection 1 (58d), in main wiring harness

(B625) Connection (K-diagnosis wire), in main wiring harness

* Diagnostic connection

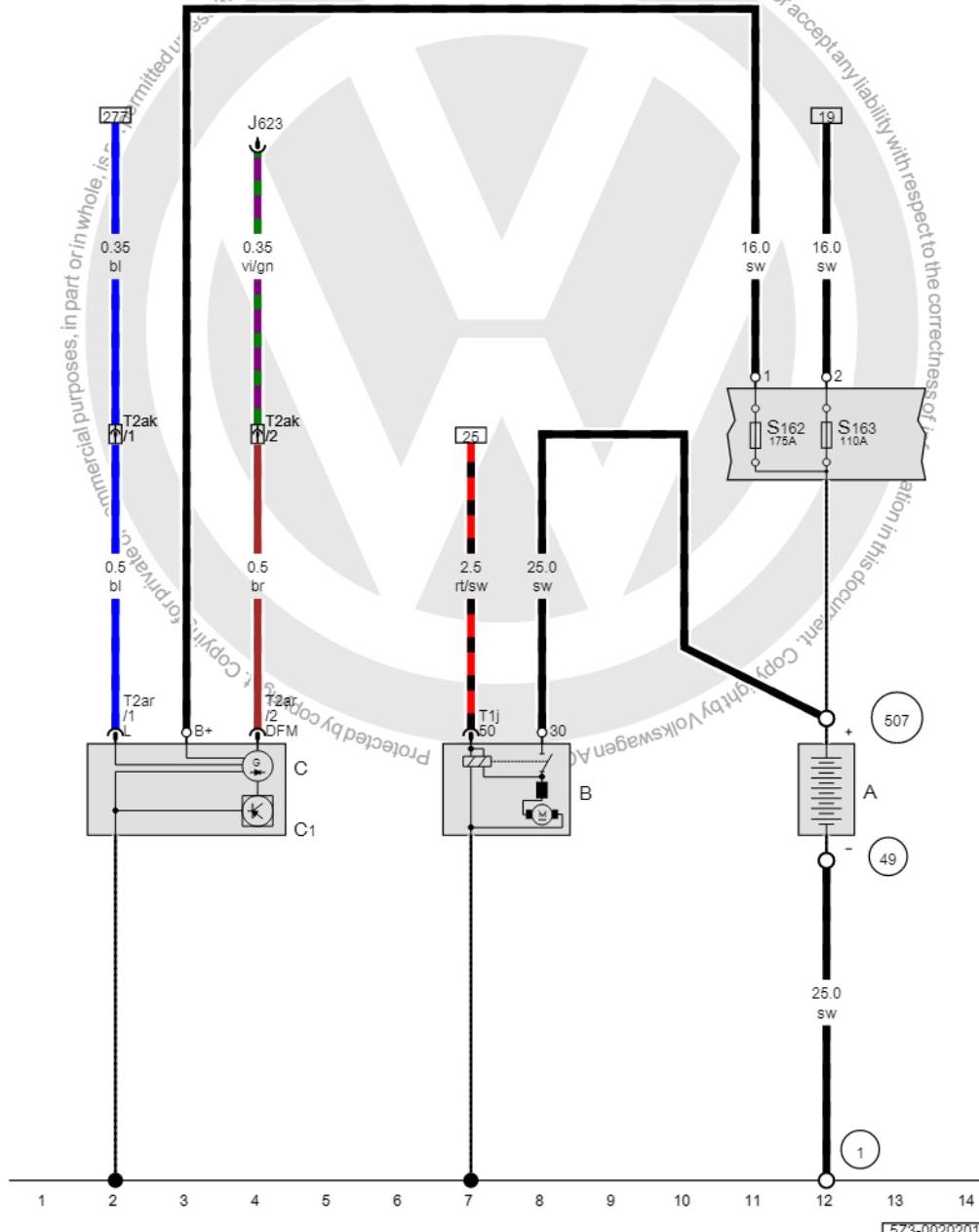
ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Convenience system

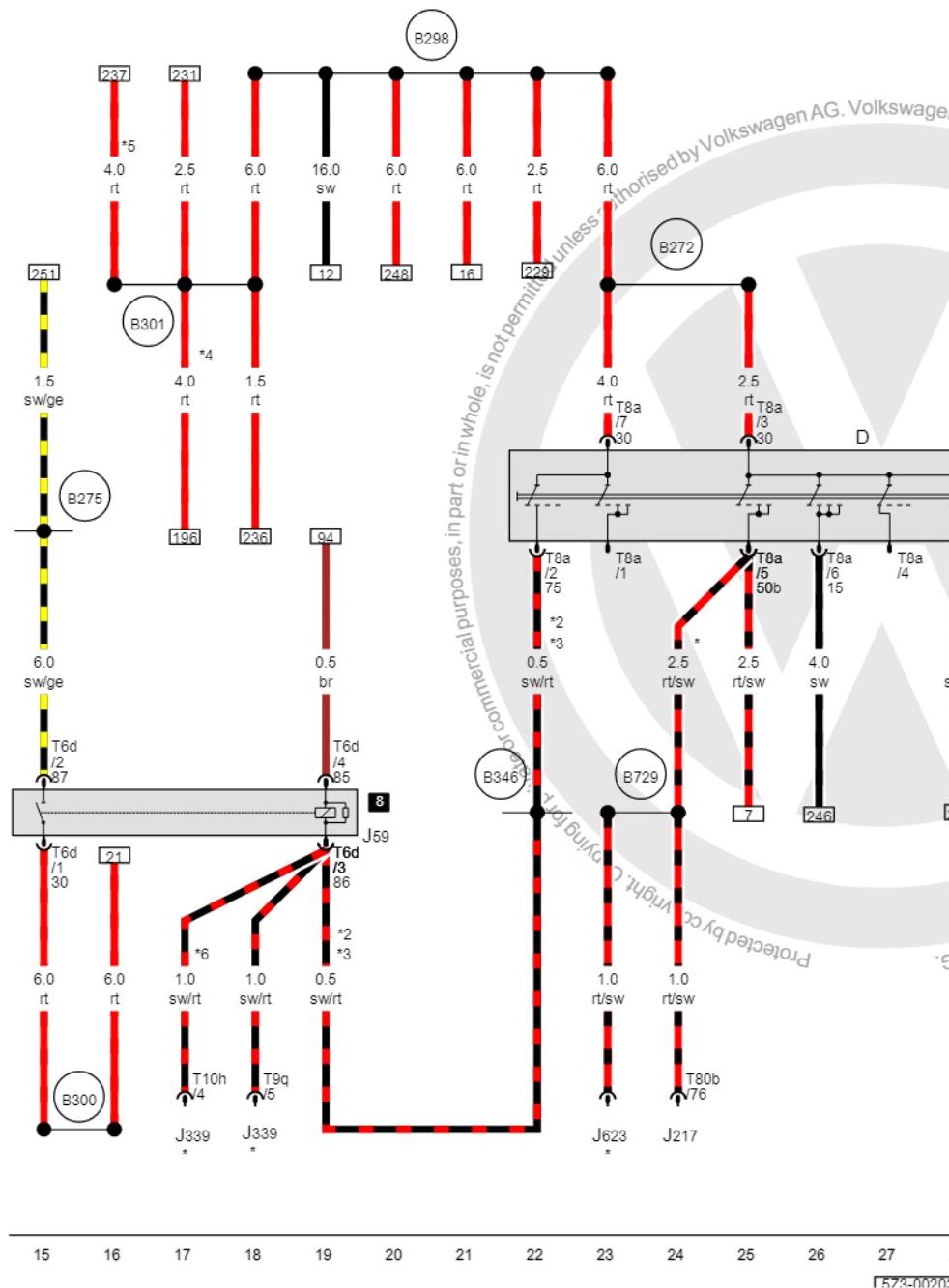
From August 2009



Battery, Starter, Alternator, Voltage regulator



- | | |
|----|----------|
| ws | = white |
| sw | = black |
| ro | = red |
| rt | = red |
| br | = brown |
| gn | = green |
| bl | = blue |
| gr | = grey |
| li | = purple |
| vi | = purple |
| ge | = yellow |
| or | = orange |
| rs | = pink |

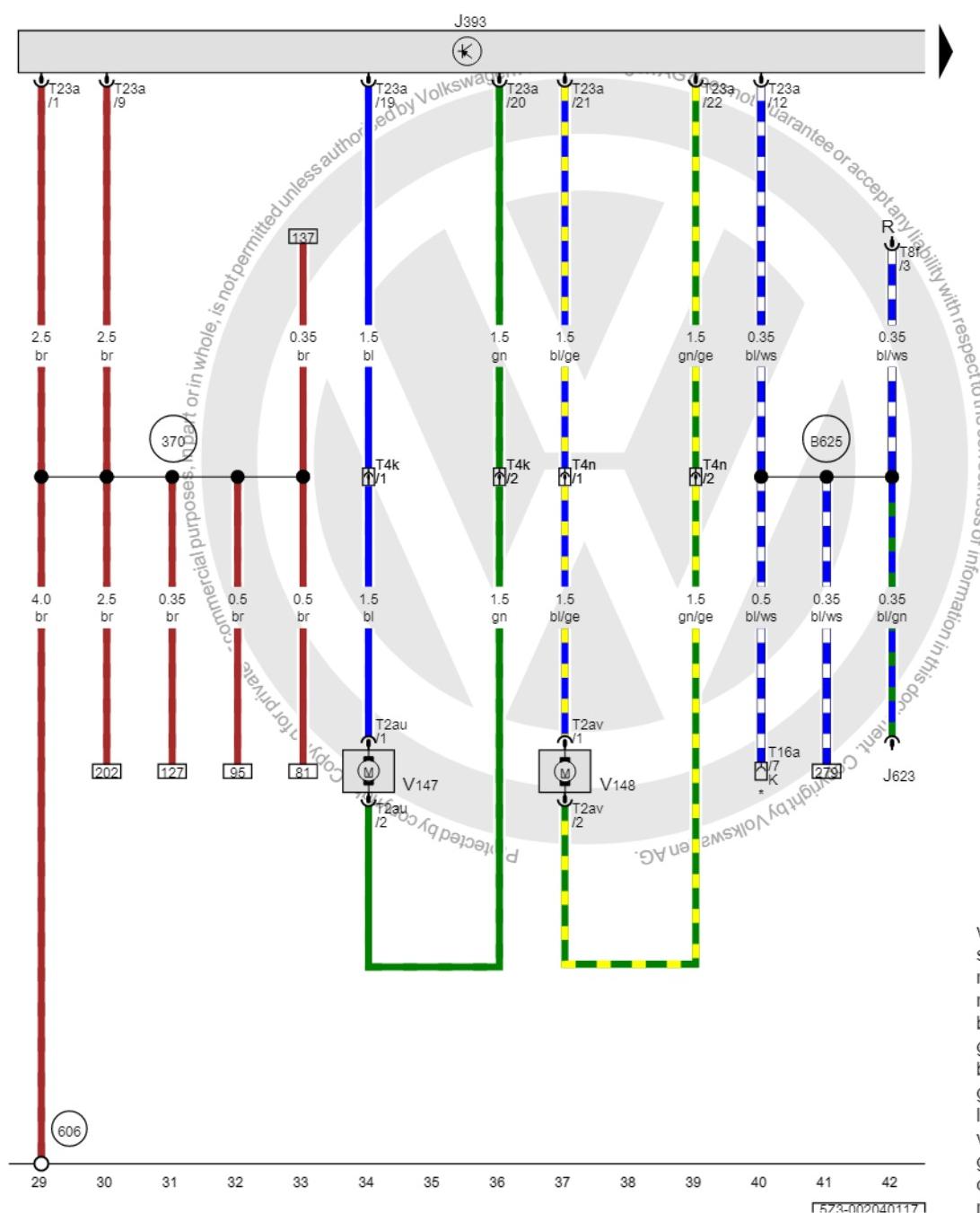


Ignition/starter switch, X-contact relief relay

- | | |
|------|--|
| D | Ignition/starter switch |
| J59 | X-contact relief relay |
| J217 | Automatic gearbox control unit |
| J339 | X contact relief relay 2 |
| J623 | Engine/motor control unit |
| T6d | 6-pin connector |
| T8a | 8-pin connector |
| T9q | 9-pin connector |
| T10h | 10-pin connector |
| T80b | 80-pin connector |
| B272 | Positive connection (30), in main wiring harness |
| B275 | Positive connection (87), in main wiring harness |
| B298 | Positive connection 2 (30), in main wiring harness |
| B300 | Positive connection 4 (30), in main wiring harness |
| B301 | Positive connection 5 (30), in main wiring harness |
| B346 | Connection 1 (75), in main wiring harness |
| B729 | Connection 1 (50), in main wiring harness |
- * For models with automated manual gearbox
 *2 For models with no rain and light sensor
 *3 Up to July 2010
 *4 Up to March 2010
 *5 From December 2009
 *6 From October 2011

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

F573-0020301171

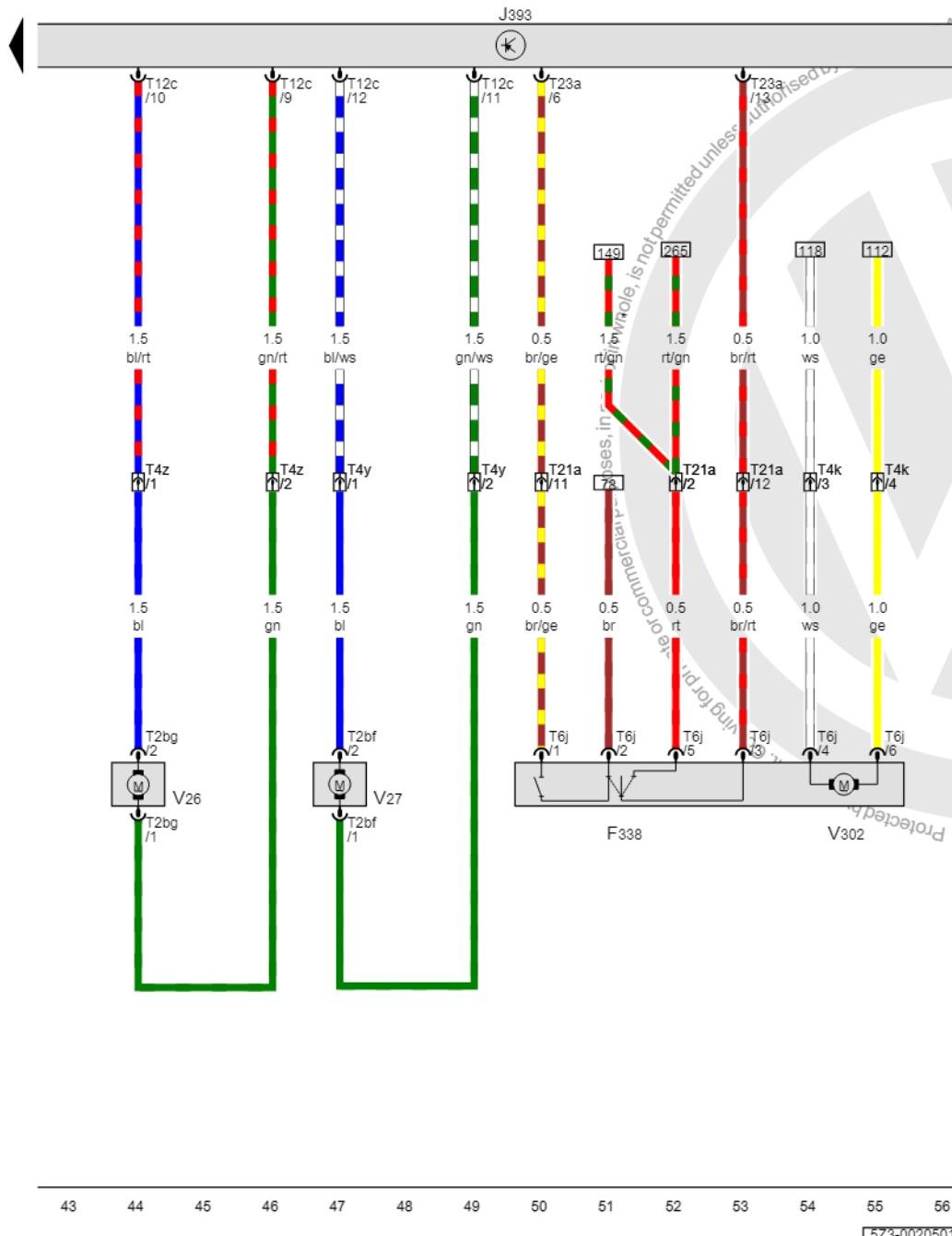


Convenience system central control unit, Driver side window regulator motor, Front passenger side window regulator motor

- | | |
|------|---|
| J393 | Convenience system central control unit |
| J623 | Engine/motor control unit |
| R | Radio |
| T2au | 2-pin connector |
| T2av | 2-pin connector |
| T4k | 4-pin connector, in front left door |
| T4n | 4-pin connector, in front right door |
| T8f | 8-pin connector |
| T16a | 16-pin connector |
| T23a | 23-pin connector |
| V147 | Driver side window regulator motor |
| V148 | Front passenger side window regulator motor |
| 370 | Earth connection 5, in main wiring harness |
| 606 | Earth point, under the centre console near gear stick |
| B625 | Connection (K-diagnosis wire), in main wiring harness |
| * | Diagnostic connection |

* Diagnostic connection

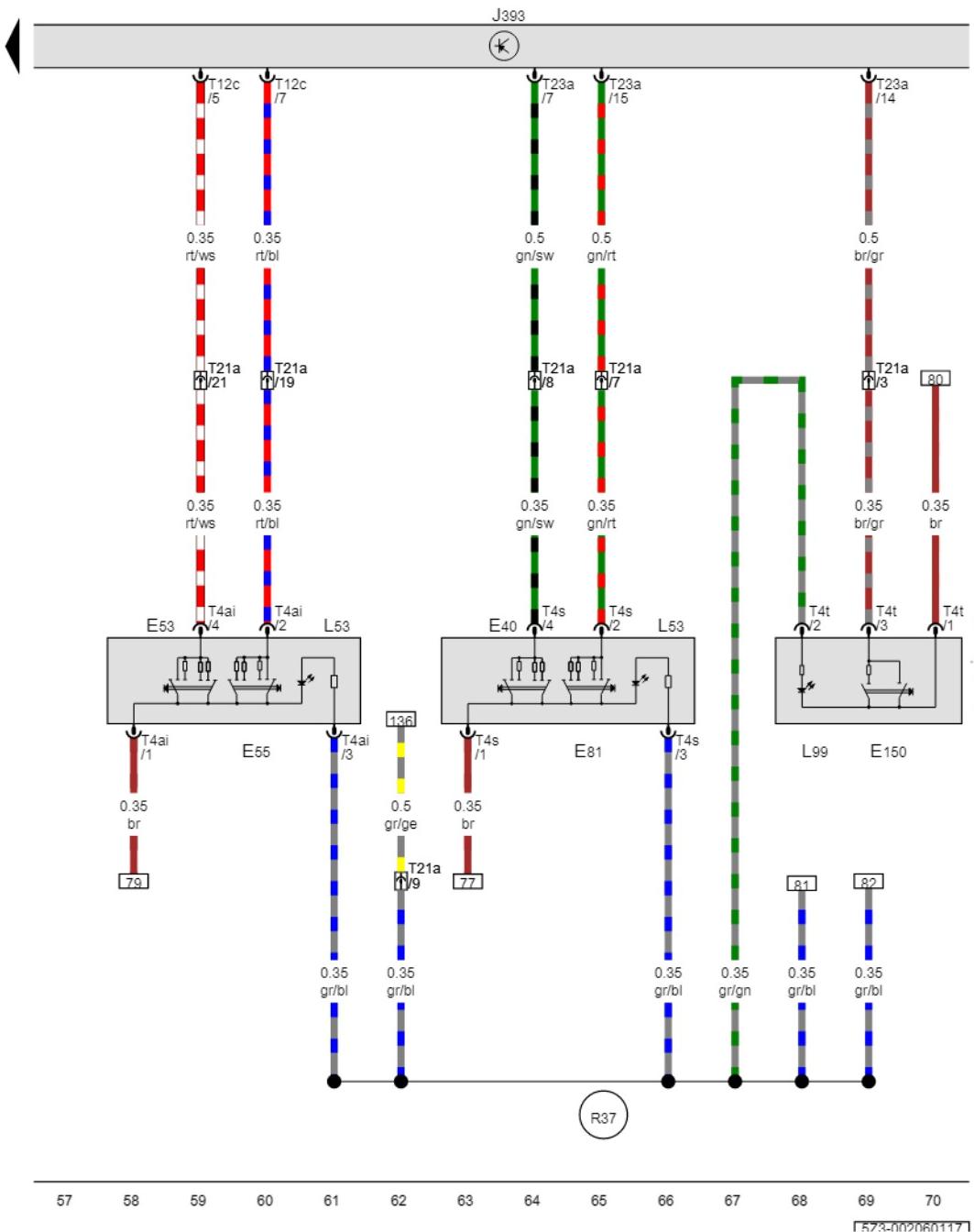
ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink



Driver door power latching system contact switch,
Convenience system central control unit, Rear left window
regulator motor, Rear right window regulator motor, Driver
door power latching motor

F338	Driver door power latching system contact switch
J393	Convenience system central control unit
T2bf	2-pin connector
T2bg	2-pin connector
T4k	4-pin connector, in front left door
T4y	4-pin connector, in rear right door
T4z	4-pin connector, in rear left door
T6j	6-pin connector
T12c	12-pin connector
T21a	21-pin connector, in front left door
T23a	23-pin connector
V26	Rear left window regulator motor
V27	Rear right window regulator motor
V302	Driver door power latching motor
*	For CROSS models

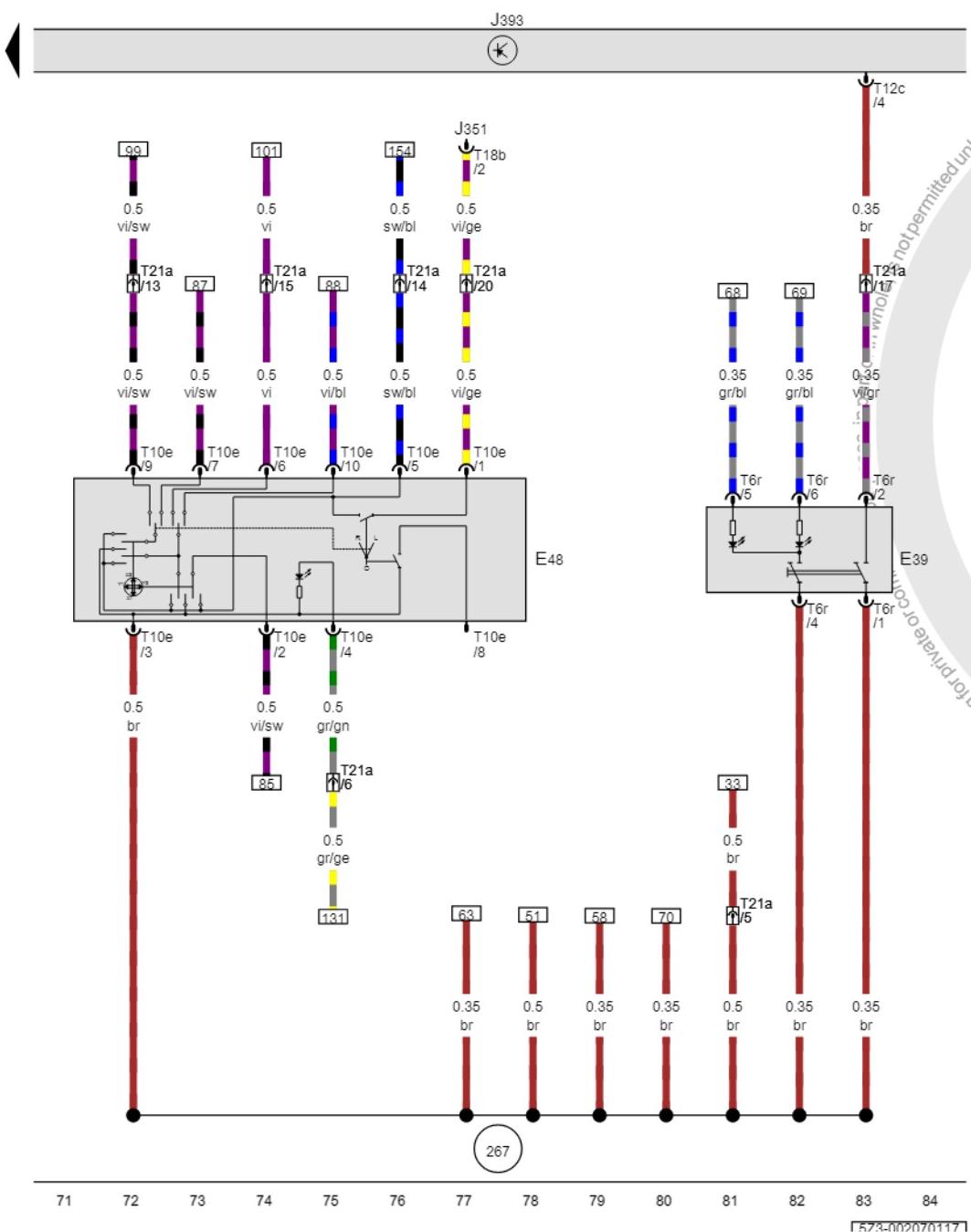
ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink



Front left window regulator switch, Rear left window regulator switch, in driver door, Rear right window regulator switch, in driver door, Front right window regulator switch in driver door, Driver side interior locking switch, Convenience system central control unit

- E40 Front left window regulator switch
E53 Rear left window regulator switch, in driver door
E55 Rear right window regulator switch, in driver door
E81 Front right window regulator switch in driver door
E150 Driver side interior locking switch
J393 Convenience system central control unit
L53 Window regulator switch illumination bulb
L99 Interior lock switch illumination bulb
T4ai 4-pin connector
T4s 4-pin connector
T4t 4-pin connector
T12c 12-pin connector
T21a 21-pin connector, in front left door
T23a 23-pin connector
R37 Connection 1 (window regulator), in driver door wiring harness

Protected by copyright. Volkswagen AG. All rights reserved. Use subject to acceptance of terms and conditions. Copying or commercial purposes, in part or in whole, is not permitted unless authorised by Volkswagen AG.



Rear window regulator isolation switch, Mirror adjustment
changeover switch, Convenience system central control
unit

E39 Rear window regulator isolation switch

E48 Mirror adjustment changeover switch

J351 Folding exterior mirror control unit

J393 Convenience system central control unit

T6r 6-pin connector

T10e 10-pin connector

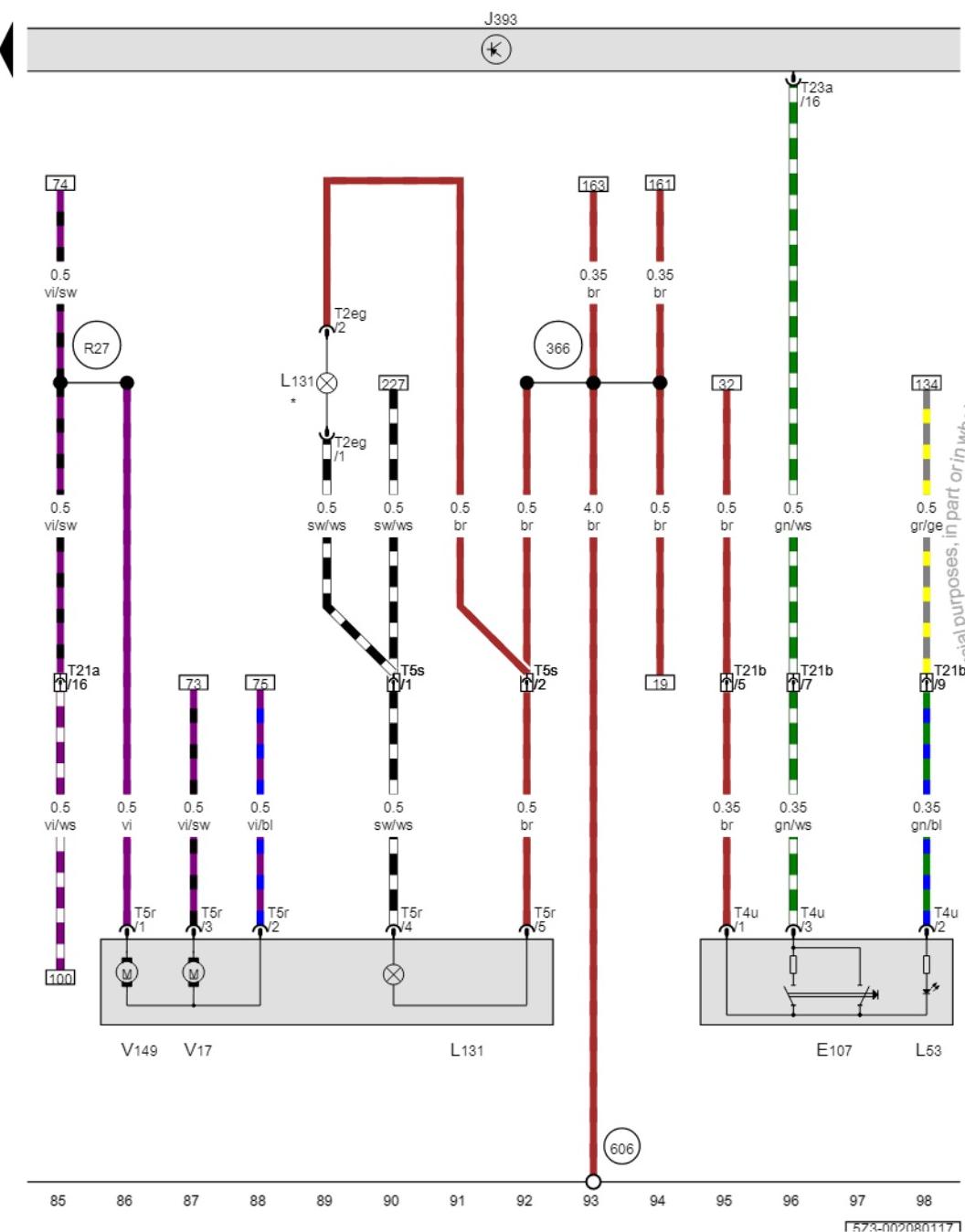
T12c 12-pin connector

T18b 18-pin connector

T21a 21-pin connector, in front left door

267 Earth connection 2, in drive side door wiring harness

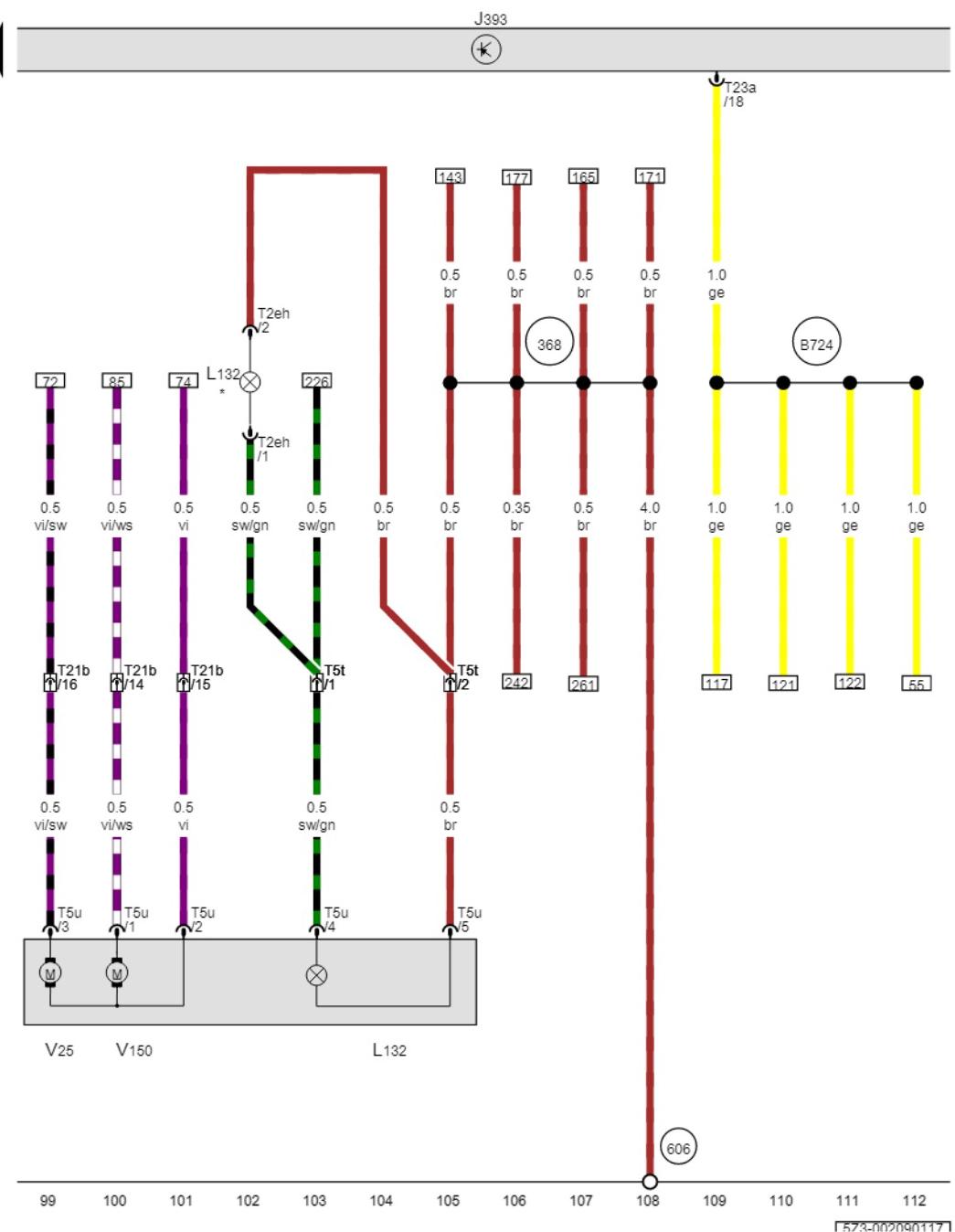
Protected by copyright. Copying or private distribution is illegal.



Window regulator switch in front passenger door,
Convenience system central control unit, Window regulator
switch illumination bulb, Driver side turn signal repeater
bulb, Driver side mirror adjustment motor 2

- E107 Window regulator switch in front passenger door
 J393 Convenience system central control unit
 L53 Window regulator switch illumination bulb
 L131 Driver side turn signal repeater bulb
 T2eg 2-pin connector
 T4u 4-pin connector
 T5r 5-pin connector
 T5s 5-pin connector, in front left door
 T21a 21-pin connector, in front left door
 T21b 21-pin connector, in front right door
 T23a 23-pin connector
 V17 Driver side mirror adjustment motor 2
 V149 Driver side mirror adjustment motor
 366 Earth connection 1, in main wiring harness
 606 Earth point, under the centre console near gear stick
 R27 Connection (mirror adjustment), in driver door wiring harness
- * For models with no electrically adjustable exterior mirrors

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Convenience system central control unit, Front passenger side turn signal repeater bulb, Front passenger side mirror adjustment motor 2

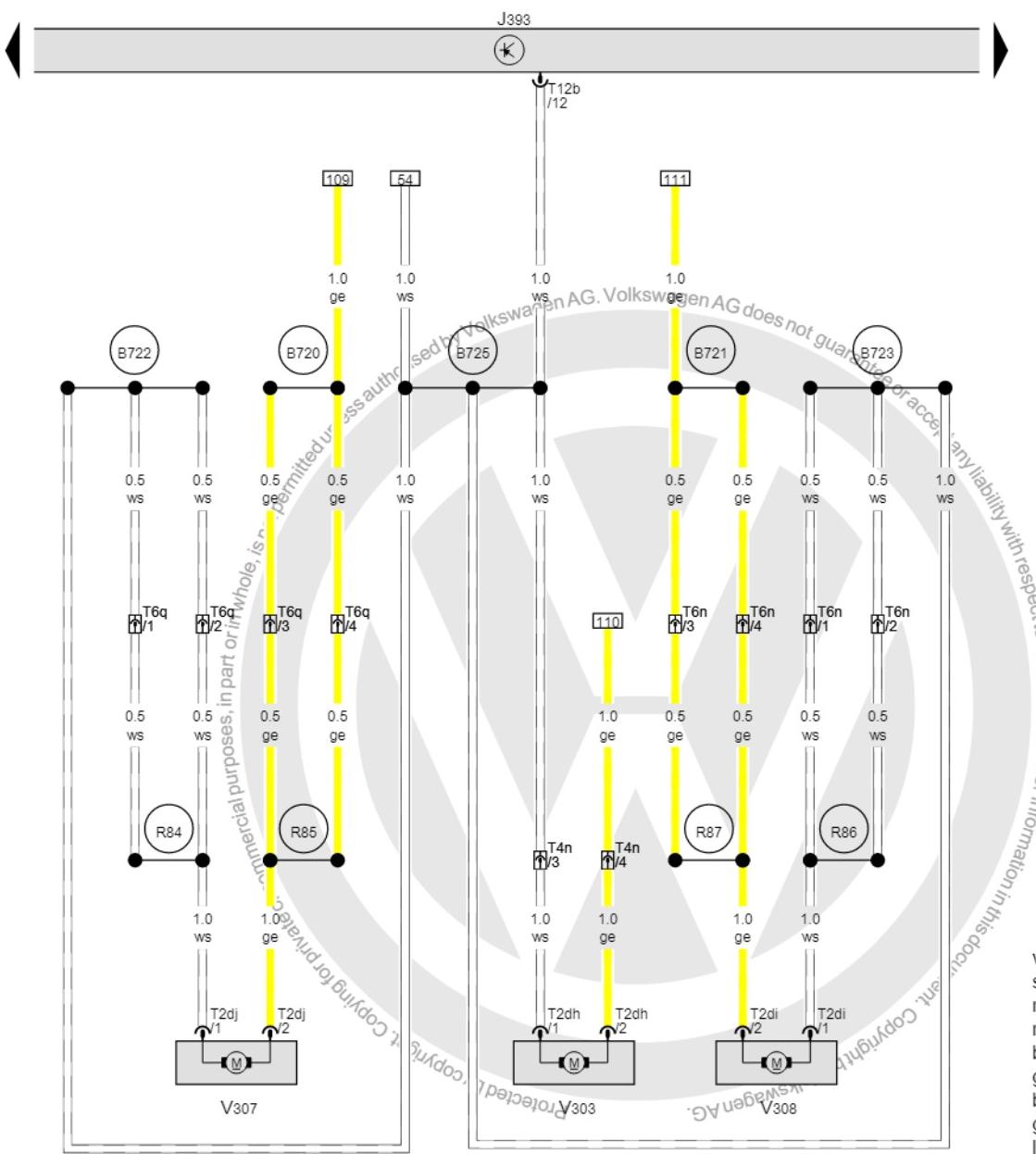
J393 Convenience system central control unit
 L132 Front passenger side turn signal repeater bulb
 T2eh 2-pin connector
 T5t 5-pin connector, in front right door
 T5u 5-pin connector
 T21b 21-pin connector, in front right door
 T23a 23-pin connector
 V25 Front passenger side mirror adjustment motor 2
 V150 Front passenger side mirror adjustment motor

368 Earth connection 3, in main wiring harness
 606 Earth point, under the centre console near gear stick
 B724 Connection (central locking unlocked), in main wiring harness

* For models with no electrically adjustable exterior mirrors

Protected by copyright. Copying or publishing in part or in whole, is not permitted unless authorised.

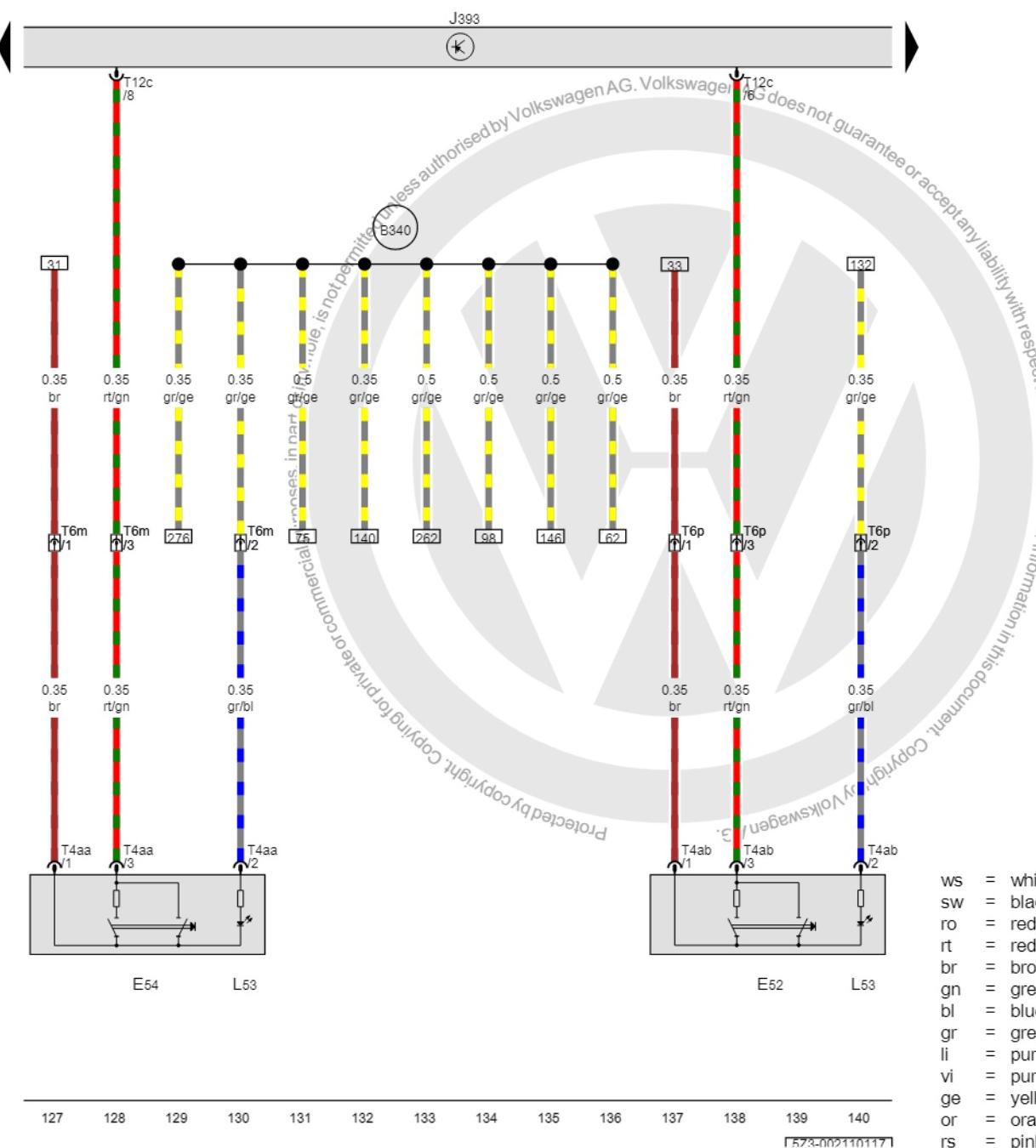
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Convenience system central control unit, Front passenger door power latching motor, Rear left power latching motor, Rear right power latching motor

- | | |
|------|---|
| J393 | Convenience system central control unit |
| T2dh | 2-pin connector |
| T2di | 2-pin connector |
| T2dj | 2-pin connector |
| T4n | 4-pin connector, in front right door |
| T6n | 6-pin connector, in rear right door |
| T6q | 6-pin connector, in rear left door |
| T12b | 12-pin connector |
| V303 | Front passenger door power latching motor |
| V307 | Rear left power latching motor |
| V308 | Rear right power latching motor |
| B720 | Connection 1 (central locking), in main wiring harness |
| B721 | Connection 2 (central locking), in main wiring harness |
| B722 | Connection 3 (central locking), in main wiring harness |
| B723 | Connection 4 (central locking), in main wiring harness |
| B725 | Connection (central locking locked), in main wiring harness |
| R84 | Connection 1 (central locking), in rear left door wiring harness |
| R85 | Connection 2 (central locking), in rear left door wiring harness |
| R86 | Connection 1 (central locking), in rear right door wiring harness |
| R87 | Connection 2 (central locking), in rear right door wiring harness |

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

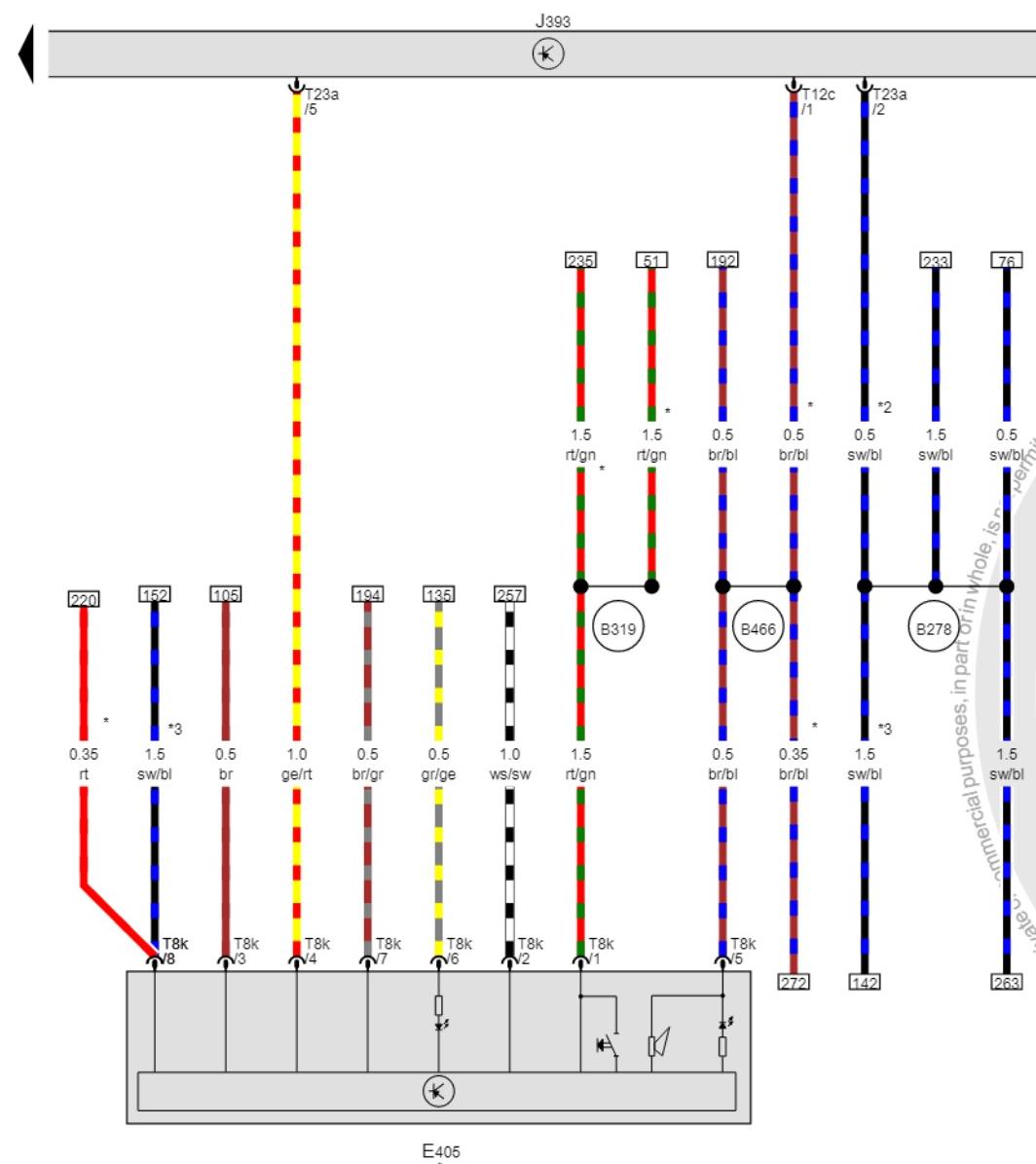


Rear left window regulator switch, in door, Rear right window regulator switch, in door, Convenience system central control unit, Window regulator switch illumination bulb

- E52 Rear left window regulator switch, in door
 - E54 Rear right window regulator switch, in door
 - J393 Convenience system central control unit
 - L53 Window regulator switch illumination bulb
 - T4aa 4-pin connector
 - T4ab 4-pin connector
 - T6m 6-pin connector, in rear right door
 - T6p 6-pin connector, in rear left door
 - T71 11

B340 Connection 1 (58d), in main wiring harness

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

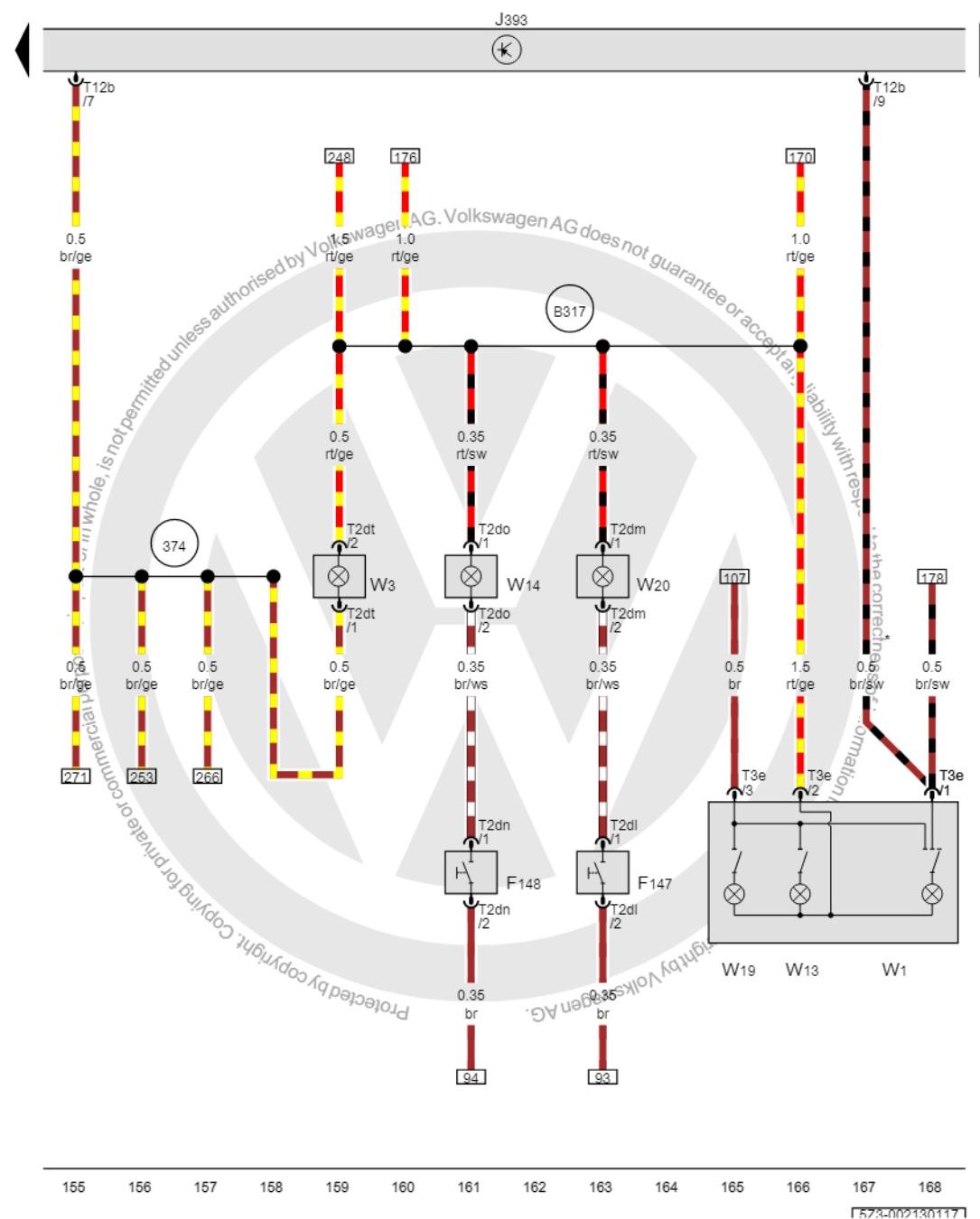


Spare wheel release button, Convenience system central control unit

- | | |
|------|--|
| E405 | Spare wheel release button |
| J393 | Convenience system central control unit |
| T8k | 8-pin connector |
| T12c | 12-pin connector |
| T23a | 23-pin connector |
| B278 | Positive connection 2 (15a) in main wiring harness |
| B319 | Positive connection 5 (30a) in main wiring harness |
| B466 | Connection 2, in main wiring harness |

* For CROSS models
*2 For models with electric rear lid opener
*3 For models with no anti-theft alarm system

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink



Driver vanity mirror contact switch, Front passenger vanity mirror contact switch, Convenience system central control unit, Front interior light, Luggage compartment light, Front passenger side illuminated vanity mirror, Driver side illuminated vanity mirror

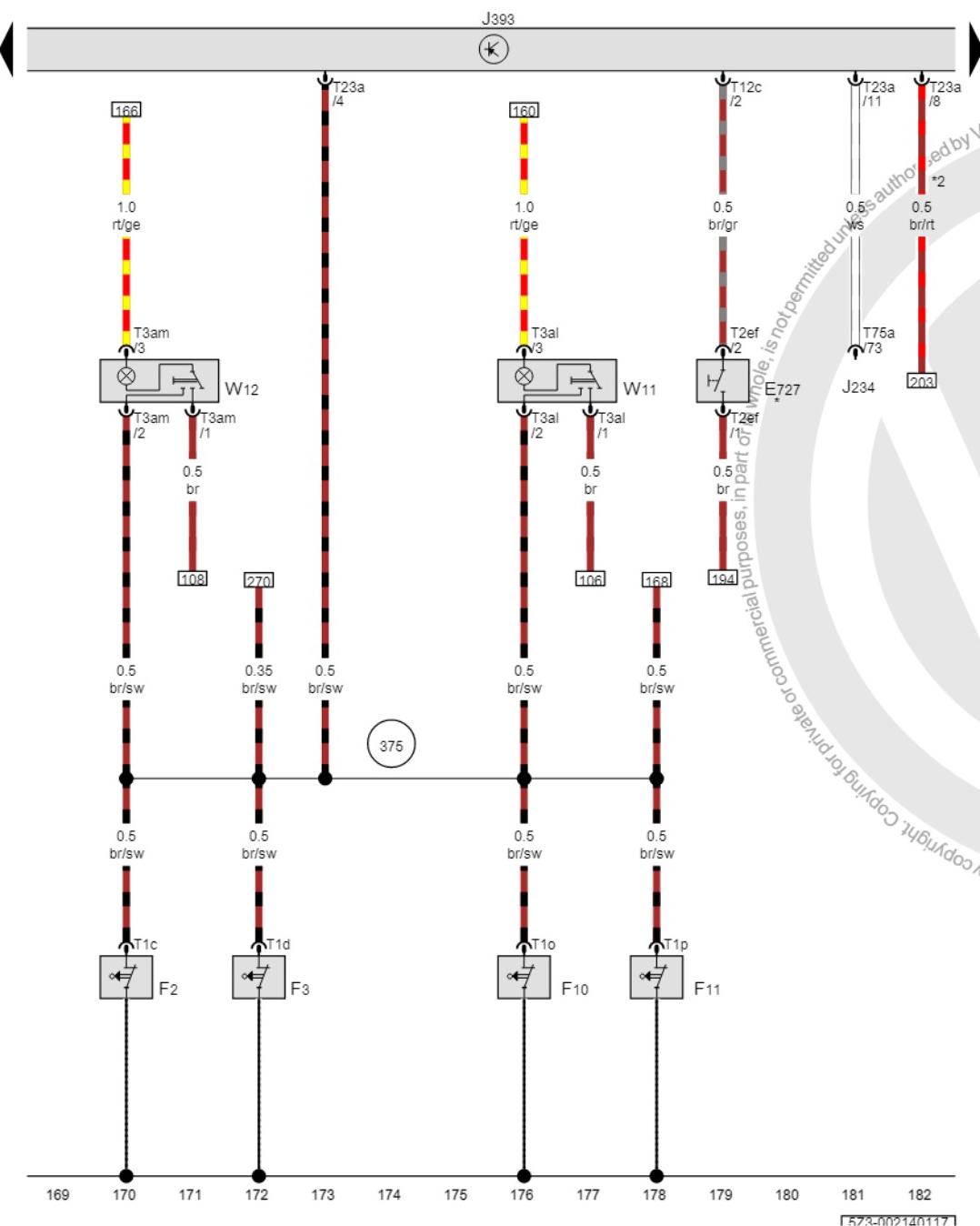
F147 Driver vanity mirror contact switch
 F148 Front passenger vanity mirror contact switch
 J393 Convenience system central control unit
 T2dl 2-pin connector
 T2dm 2-pin connector
 T2dn 2-pin connector
 T2do 2-pin connector
 T2dt 2-pin connector
 T3e 3-pin connector
 T12b 12-pin connector
 W1 Front interior light
 W3 Luggage compartment light
 W13 Front passenger reading light
 W14 Front passenger side illuminated vanity mirror
 W19 Driver side reading light
 W20 Driver side illuminated vanity mirror

374 Earth connection 9, in main wiring harness

B317 Positive connection 3 (30a) in main wiring harness

* For models with remote controlled central locking

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

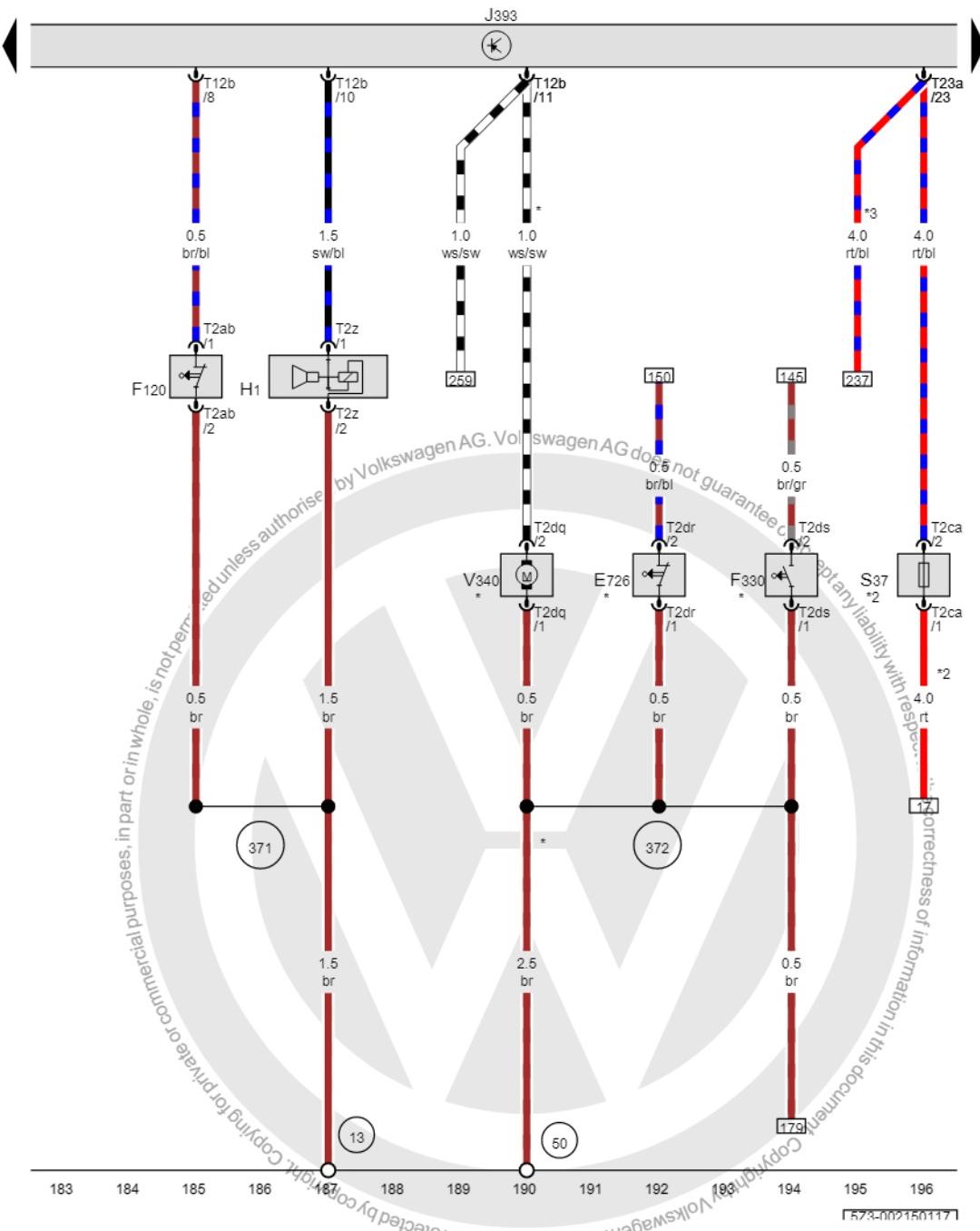


Spare wheel release switch, Driver door contact switch, Front passenger door contact switch, Rear left door contact switch, Rear right door contact switch, Convenience system central control unit, Rear left reading light, Rear right reading light

- E727 Spare wheel release switch
 F2 Driver door contact switch
 F3 Front passenger door contact switch
 F10 Rear left door contact switch
 F11 Rear right door contact switch
 J234 Airbag control unit
 J393 Convenience system central control unit
 T1c 1-pin connector
 T1d 1-pin connector
 T1o 1-pin connector
 T1p 1-pin connector
 T2ef 2-pin connector
 T3al 3-pin connector
 T3am 3-pin connector
 T12c 12-pin connector
 T23a 23-pin connector
 T75a 75-pin connector
 W11 Rear left reading light
 W12 Rear right reading light
 375 Earth connection 10, in main wiring harness

* For CROSS models
 *² For models with anti-theft alarm system

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Spare wheel release enable button, Anti-theft alarm and vermin repellent system contact switch, Open display limit switch, Horn or dual tone horn, Convenience system central control unit, Window regulator single fuse, Spare wheel lock motor

E726 Spare wheel release enable button
F120 Anti-theft alarm and vermin repellent system contact switch

F330 Open display limit switch

H1 Horn or dual tone horn

J393 Convenience system central control unit

S37 Window regulator single fuse

T2ab 2-pin connector

T2ca 2-pin connector

T2dq 2-pin connector

T2dr 2-pin connector

T2ds 2-pin connector

T2z 2-pin connector

T12b 12-pin connector

T23a 23-pin connector

V340 Spare wheel lock motor

13 Earth point, on right in engine compartment

50 Earth point, on left in luggage compartment

371 Earth connection 6, in main wiring harness

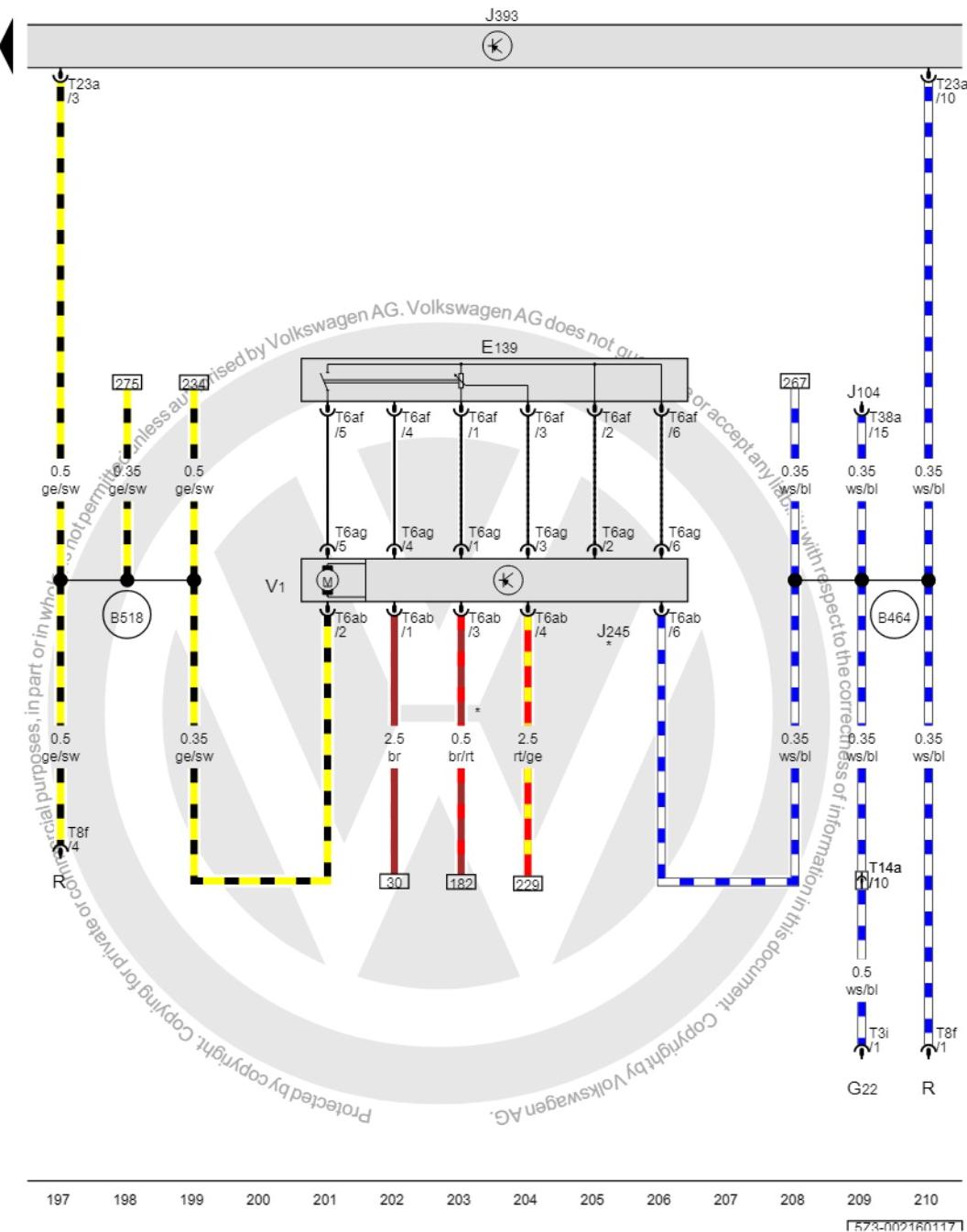
372 Earth connection 7, in main wiring harness

* For CROSS models

*2 Up to March 2010

*3 From March 2010

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

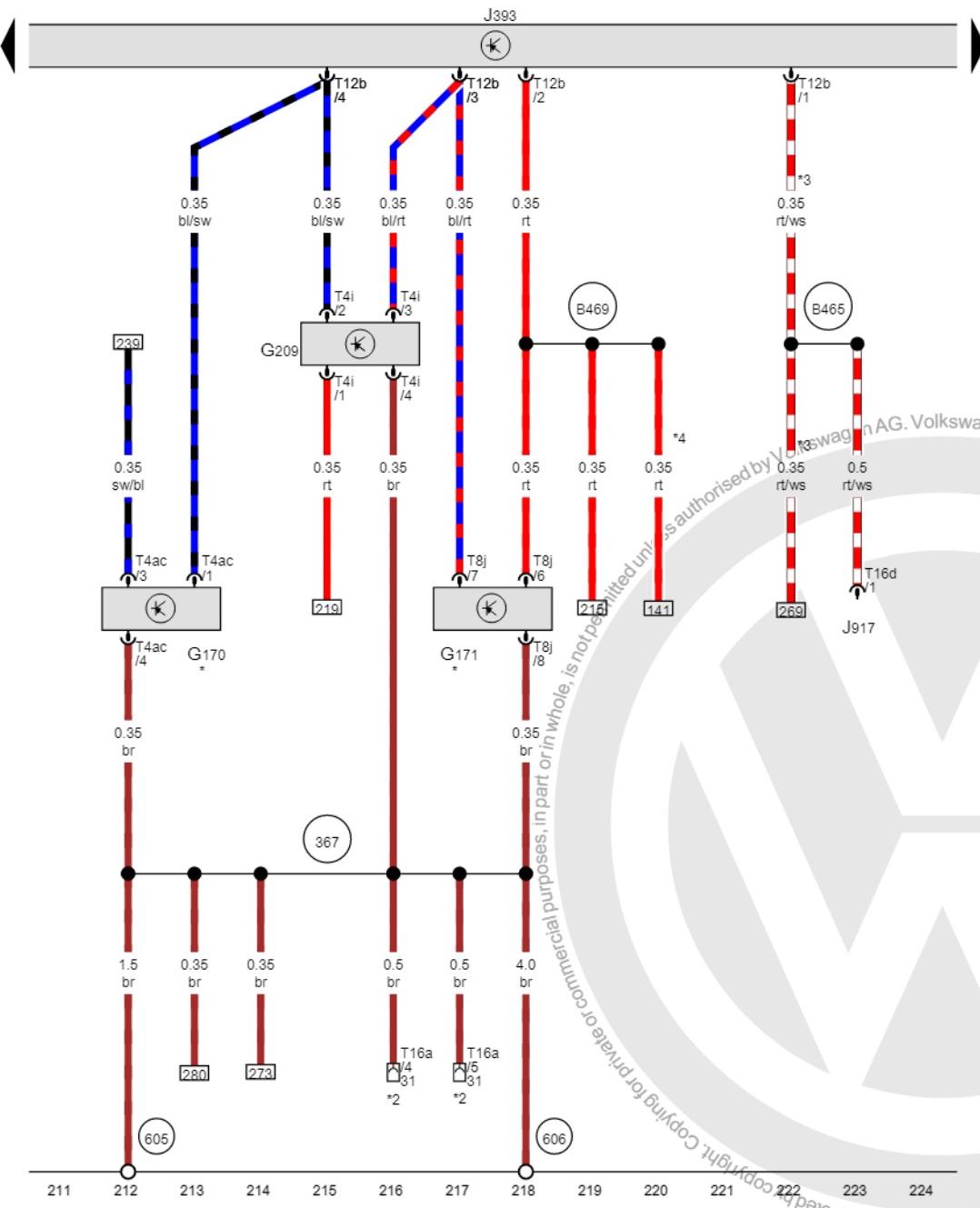


Sliding sunroof adjustment regulator, Sliding sunroof adjustment control unit, Convenience system central control unit, Sliding sunroof motor

- | | |
|------|---|
| E139 | Sliding sunroof adjustment regulator |
| G22 | Speedometer sender |
| J104 | ABS control unit |
| J245 | Sliding sunroof adjustment control unit |
| J393 | Convenience system central control unit |
| R | Radio |
| T3i | 3-pin connector |
| T6ab | 6-pin connector |
| T6af | 6-pin connector |
| T6ag | 6-pin connector |
| T8f | 8-pin connector |
| T14a | 14-pin connector, on left in engine compartment |
| T23a | 23-pin connector |
| T38a | 38-pin connector |
| V1 | Sliding sunroof motor |
| B464 | Connection (speed signal), in main wiring harness |
| B518 | Connection (86s), in main wiring harness |

* For models with anti-theft alarm system

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink



Left ultrasonic sensor for anti-theft alarm system, Right ultrasonic sensor for anti-theft alarm system, Anti-theft alarm ultrasonic sensor, Convenience system central control unit

- G170 Left ultrasonic sensor for anti-theft alarm system
 - G171 Right ultrasonic sensor for anti-theft alarm system
 - G209 Anti-theft alarm ultrasonic sensor
 - J393 Convenience system central control unit
 - J917 Control unit for lighting and wiper functions
 - T4ac 4-pin connector
 - T4i 4-pin connector
 - T8j 8-pin connector
 - T12b 12-pin connector
 - T16a 16-pin connector
 - T16d 16-pin connector
 - 367 Earth connection 2, in main wiring harness
 - 605 Earth point, on top end of steering column
 - 606 Earth point, under the centre console near gear stick
 - B465 Connection 1, in main wiring harness
 - B469 Connection 5, in main wiring harness
- * For models with sliding/tilting sunroof
 *2 Diagnostic connection
 *3 For models with control unit for lighting and wiper functions
 *4 For CROSS models

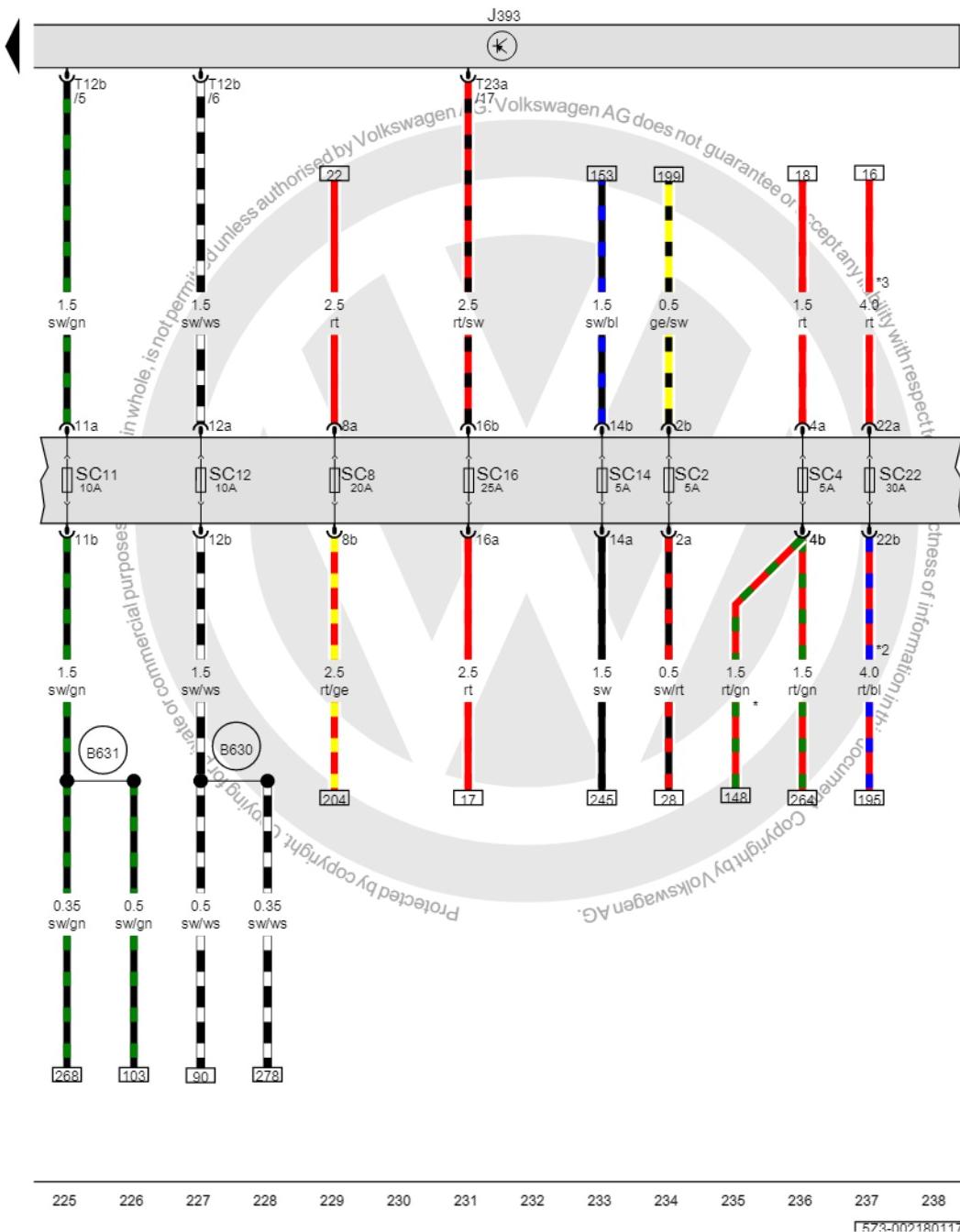
ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
	pink

For models with sliding/tilting sunroof

*2

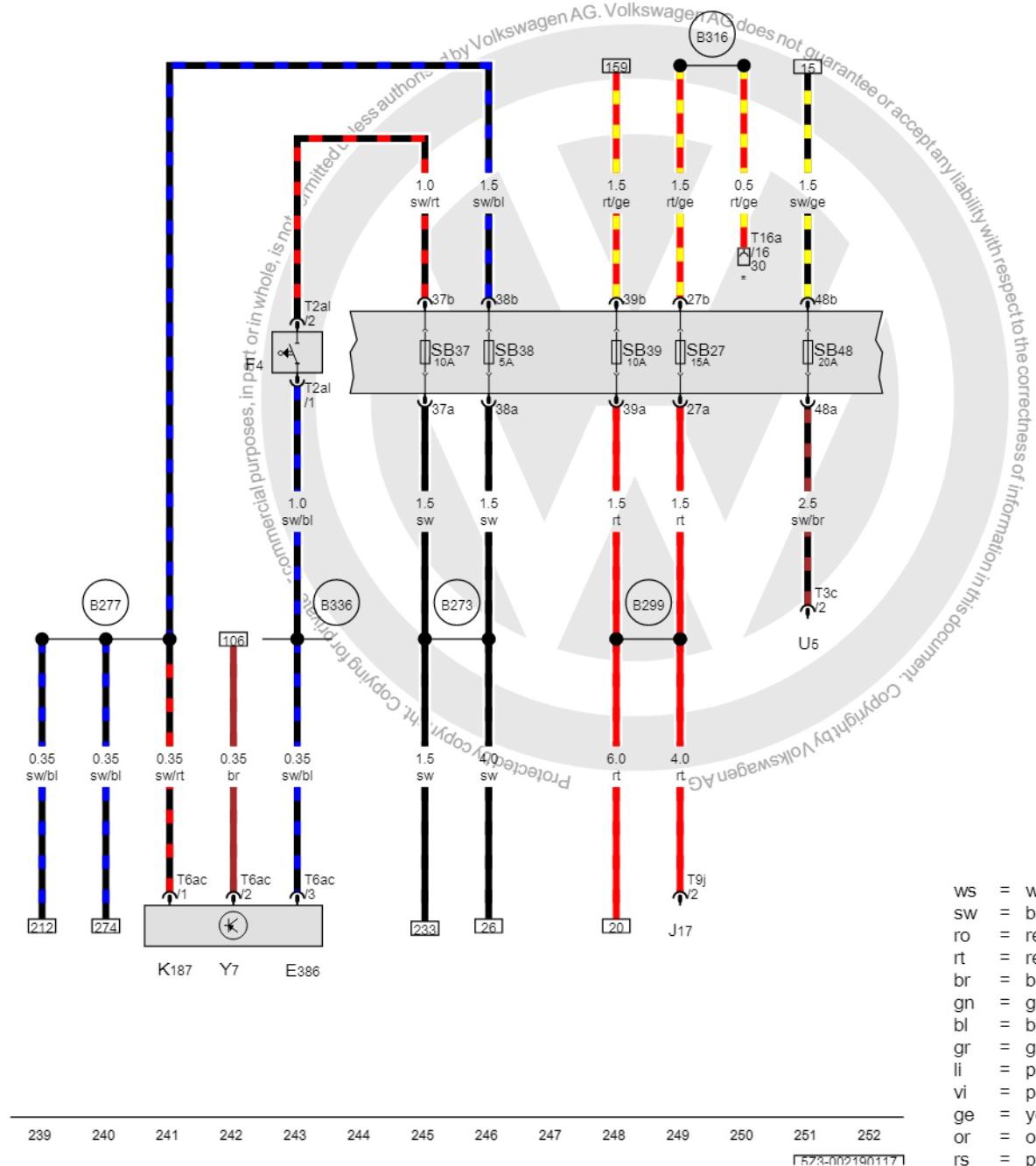
*3

*4 For CROSS models



Convenience system central control unit

- J393 Convenience system central control unit
SC2 Fuse 2 on fuse holder C
SC4 Fuse 4 on fuse holder C
SC8 Fuse 8 on fuse holder C
SC11 Fuse 11 on fuse holder C
SC12 Fuse 12 on fuse holder C
SC14 Fuse 14 on fuse holder C
SC16 Fuse 16 on fuse holder C
SC22 Fuse 22 on fuse holder C
T12b 12-pin connector
T23a 23-pin connector
- (B630) Positive connection (left turn signal bulb), in main wiring harness
- (B631) Positive connection (right turn signal bulb), in main wiring harness
- * For CROSS models
*2 From March 2010
*3 From December 2009



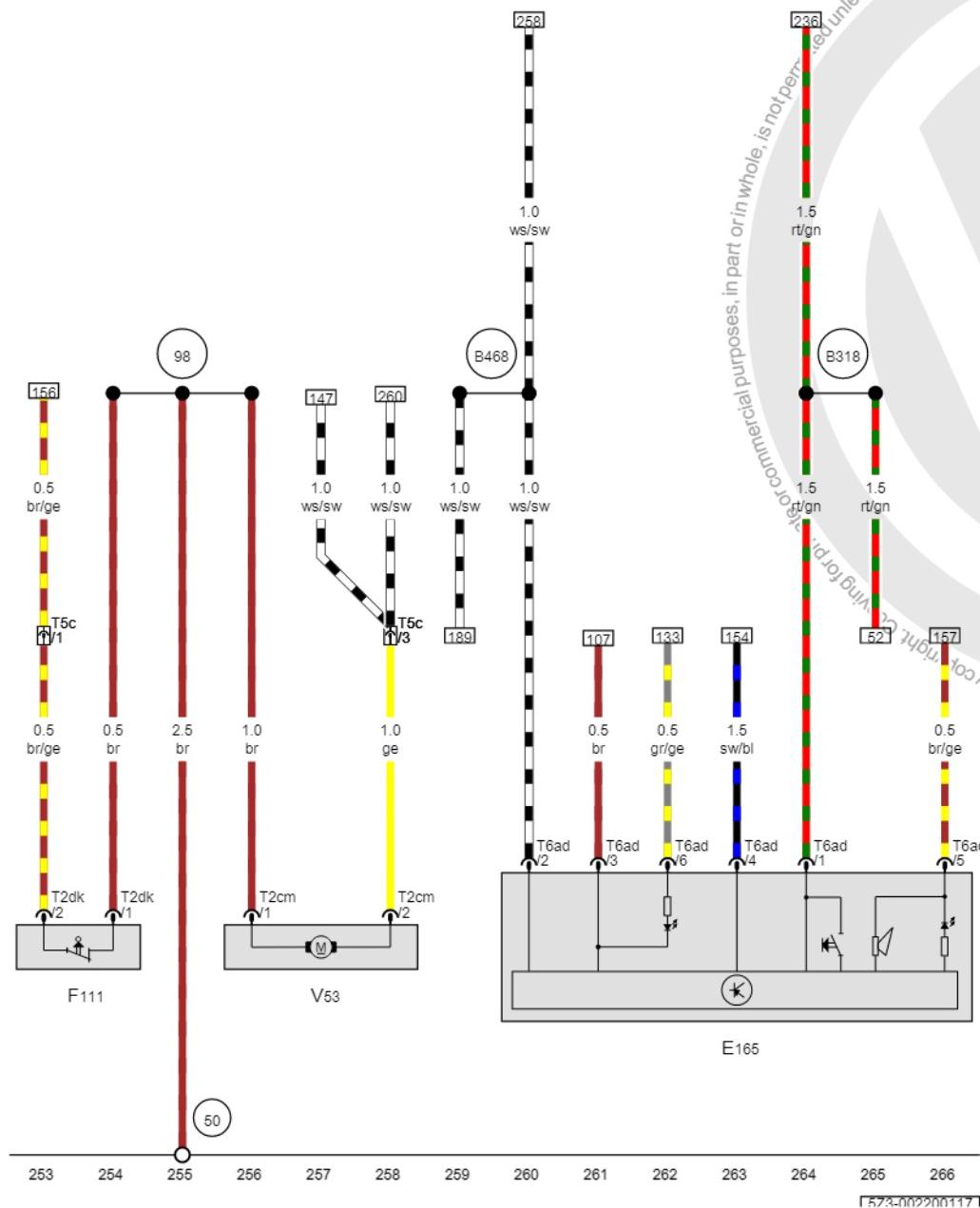
Anti-dazzle interior mirror button, Reversing light switch,
Anti-dazzle interior mirror warming lamp, Automatic anti-dazzle interior mirror

- E386 Anti-dazzle interior mirror button
 - F4 Reversing light switch
 - J17 Fuel pump relay
 - K187 Anti-dazzle interior mirror warming lamp
 - SB27 Fuse 27 on fuse holder B
 - SB37 Fuse 37 on fuse holder B
 - SB38 Fuse 38 on fuse holder B
 - SB39 Fuse 39 on fuse holder B
 - SB48 Fuse 48 on fuse holder B
 - T2al 2-pin connector
 - T3c 3-pin connector
 - T6ac 6-pin connector
 - T9j 9-pin connector
 - T16a 16-pin connector
 - U5 12 V socket
 - Y7 Automatic anti-dazzle interior mirror
 - (B273) Positive connection (15), in main wiring harness
 - (B277) Positive connection 1 (15a) in main wiring harness
 - (B299) Positive connection 3 (30), in main wiring harness
 - (B316) Positive connection 2 (30a) in main wiring harness
 - (B336) Connection 2 (54), in main wiring harness
- * Diagnostic connection

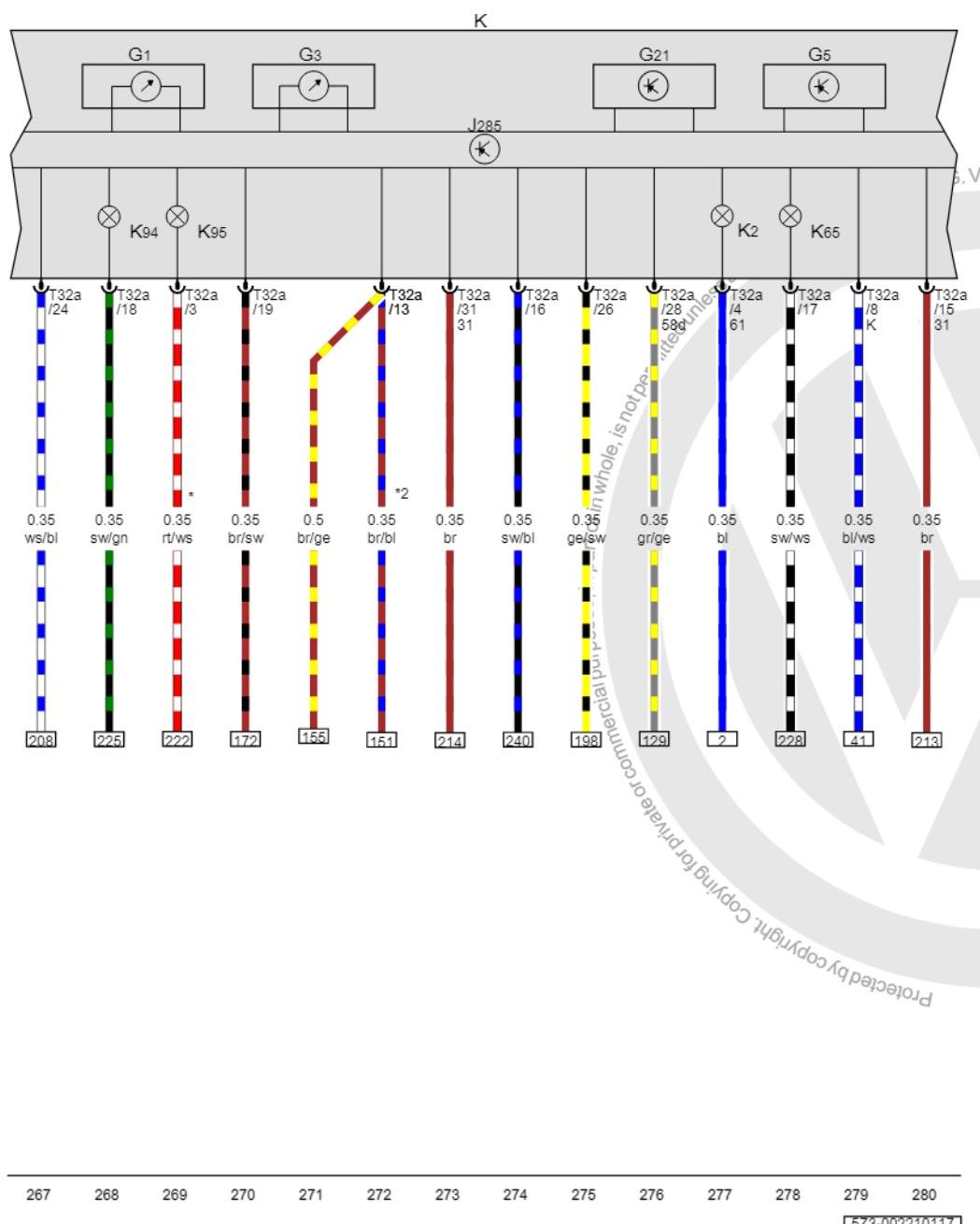
ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

Rear lid release switch, Rear lid contact switch, Rear lid central locking motor

- E165 Rear lid release switch
- F111 Rear lid contact switch
- T2cm 2-pin connector
- T2dk 2-pin connector
- T5c 5-pin connector, behind rear left side trim, near wheel arch
- T6ad 6-pin connector
- V53 Rear lid central locking motor
- (50) Earth point, on left in luggage compartment
- (98) Earth connection, in rear lid wiring harness
- (B318) Positive connection 4 (30a) in main wiring harness
- (B468) Connection 4, in main wiring harness



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

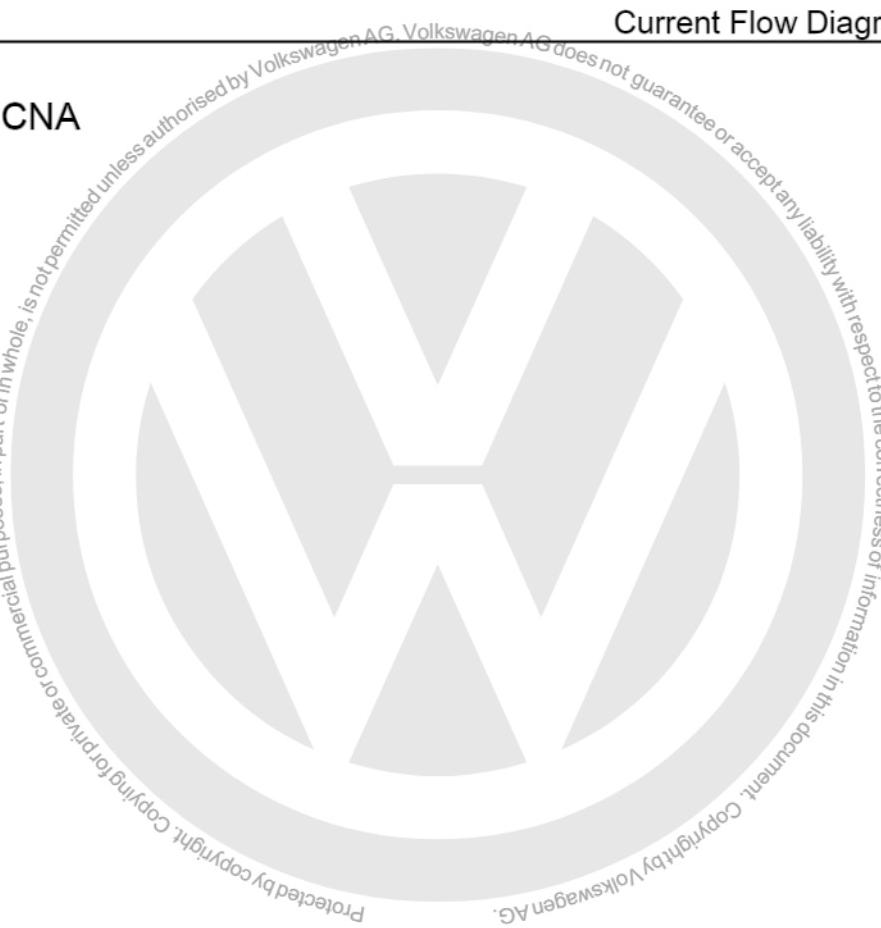


Fuel gauge, Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp, Left turn signal warning lamp, Right turn signal warning lamp, Alarm system warning lamp

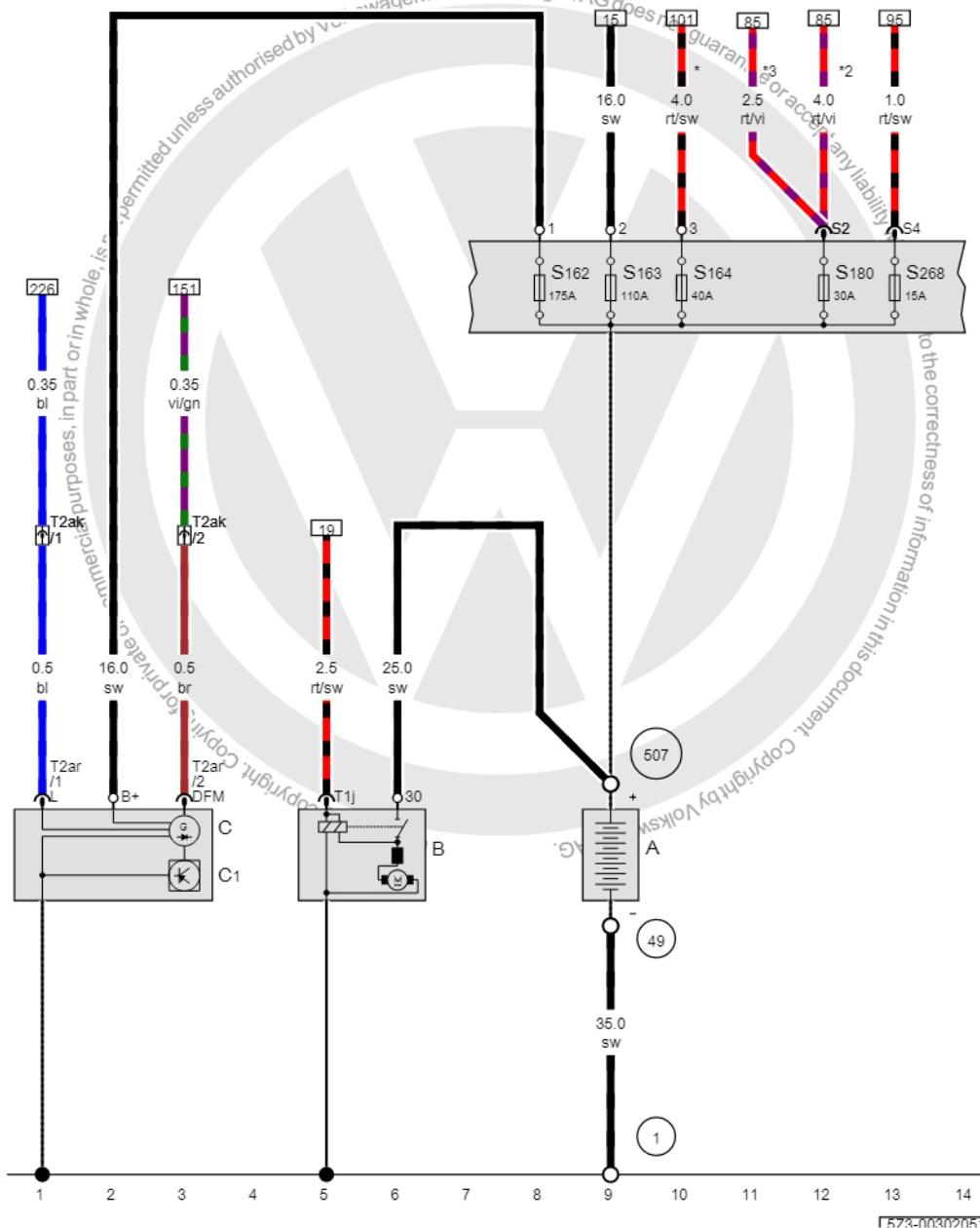
- G1 Fuel gauge
 G3 Coolant temperature gauge
 G5 Rev. counter
 G21 Speedometer
 J285 Control unit in dash panel insert
 K Dash panel insert
 K2 Alternator warning lamp
 K65 Left turn signal warning lamp
 K94 Right turn signal warning lamp
 K95 Alarm system warning lamp
 T32a 32-pin connector
 * For models with control unit for lighting and wiper functions
 *2 For CROSS models

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

1.0l engine , CCNA
From August 2009



Battery, Starter, Alternator, Voltage regulator



A Battery
B Starter
C Alternator
C1 Voltage regulator
S162 Fuse 1 (30), in battery fuse holder
S163 Fuse 2 (30), in battery fuse holder
S164 Fuse 3 (30), in battery fuse holder
S180 Fuse 8 (30), in battery fuse holder
S268 Fuse 10 (30), in battery fuse holder
T2ak 2-pin connector, in engine compartment
T2ar 2-pin connector

1 Earth strap, battery - body

49 Earth point, near ..., near battery

507 Threaded connection (30), on battery fuse holder

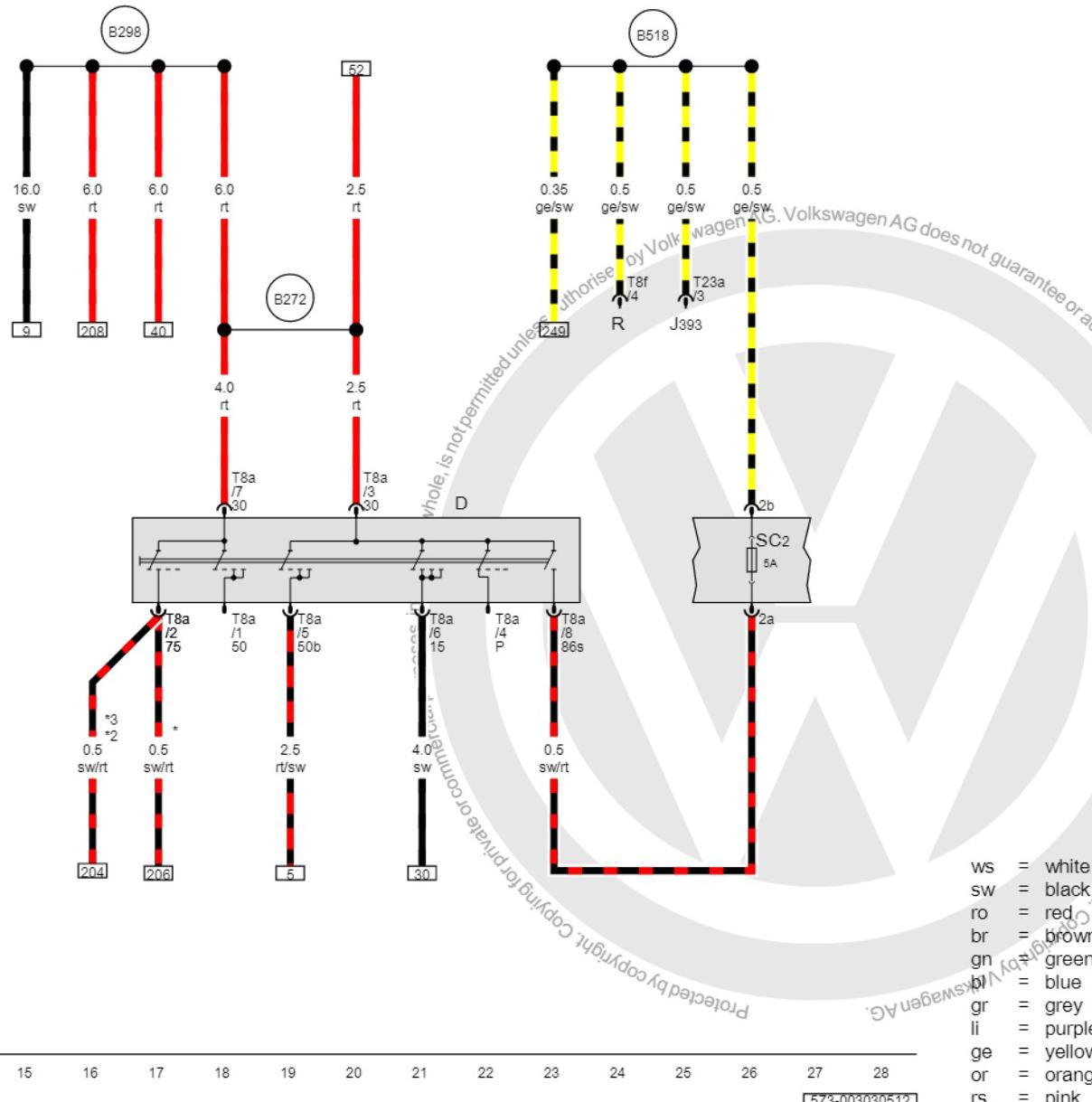
* Only models with air conditioning system

*2 Up to October 2010

*3 From October 2010

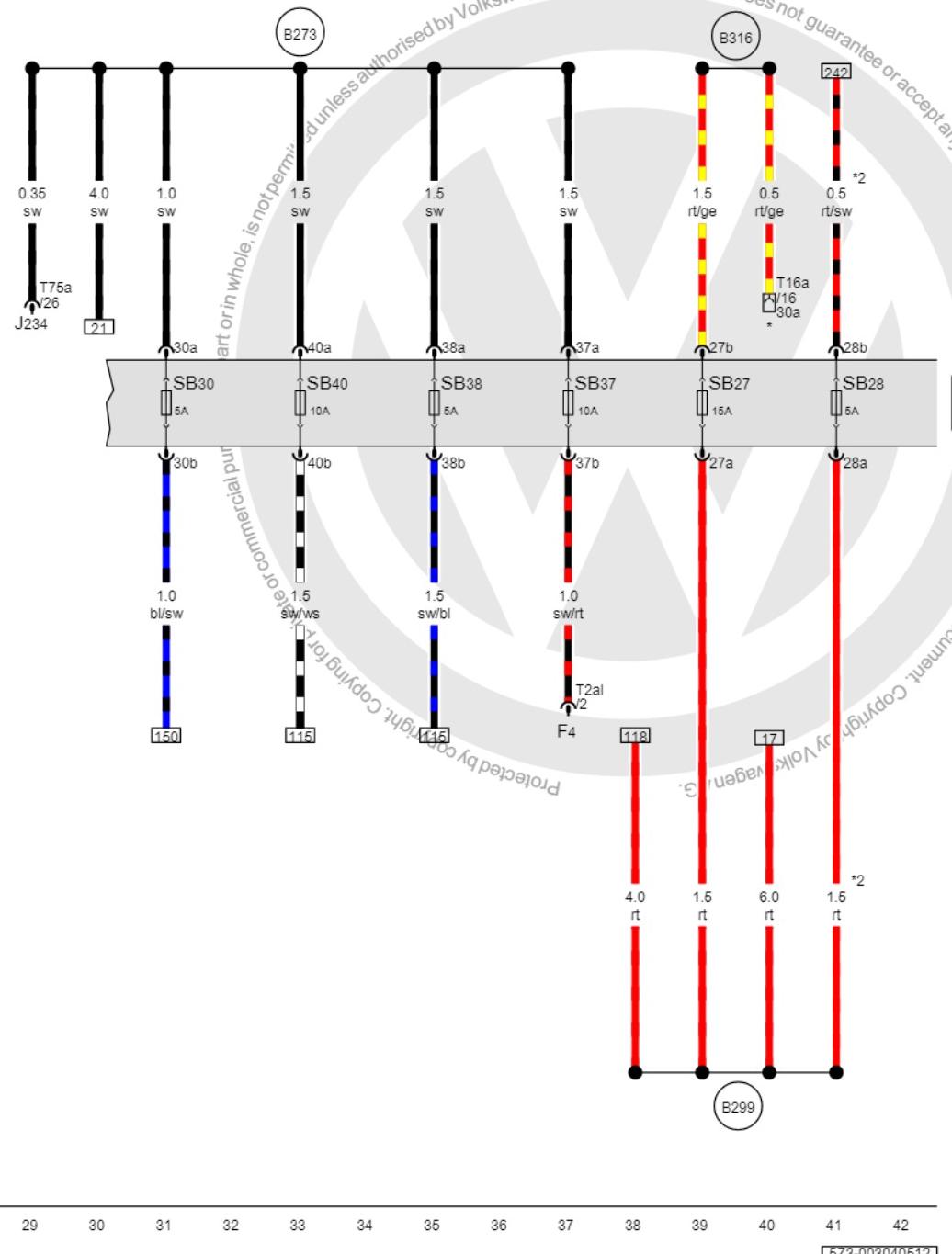
Ignition/starter switch

- D Ignition/starter switch
 J393 Convenience system central control unit
 R Radio
 SC2 Fuse 2 on fuse holder C
 T8a 8-pin connector
 T8f 8-pin connector
 T23a 23-pin connector
 B272 Positive connection (30), in main wiring harness
 B298 Positive connection 2 (30), in main wiring harness
 B518 Connection (86s), in main wiring harness
 * Only models with no rain and light sensor
 *2 Up to July 2010
 *3 Only models with rain and light sensor



15 16 17 18 19 20 21 22 23 24 25 26 27 28
 1573-0030305121

Current Flow Diagram



Fuse 27 on fuse holder B, Fuse 28 on fuse holder B, Fuse 30 on fuse holder B, Fuse 37 on fuse holder B, Fuse 38 on fuse holder B, Fuse 40 on fuse holder B

F4 Reversing light switch

J234 Airbag control unit

SB27 Fuse 27 on fuse holder B

SB28 Fuse 28 on fuse holder B

SB30 Fuse 30 on fuse holder B

SB37 Fuse 37 on fuse holder B

SB38 Fuse 38 on fuse holder B

SB40 Fuse 40 on fuse holder B

T2al 2-pin connector

T16a 16-pin connector

T75a 75-pin connector

(B273) Positive connection (15), in main wiring harness

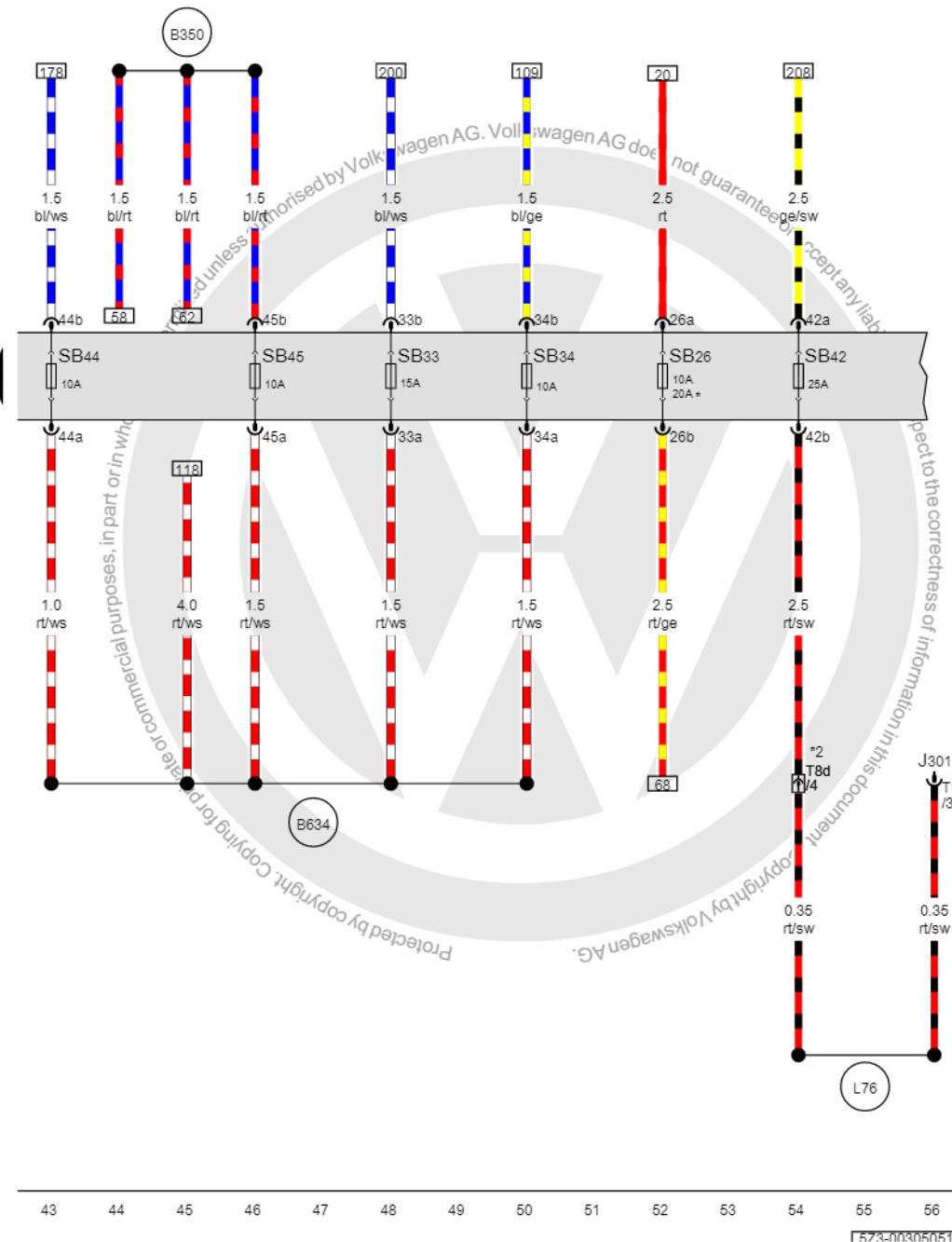
(B299) Positive connection 3 (30), in main wiring harness

(B316) Positive connection 2 (30a) in main wiring harness

* Diagnostic connection

*2 Only models with air conditioning system

ws	= white
sw	= black
ro	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
ge	= yellow
or	= orange
rs	= pink



Fuse 26 on fuse holder B, Fuse 33 on fuse holder B, Fuse 34 on fuse holder B, Fuse 42 on fuse holder B, Fuse 44 on fuse holder B, Fuse 45 on fuse holder B

- J301 Air conditioning system control unit

SB26 Fuse 26 on fuse holder B

SB33 Fuse 33 on fuse holder B

SB34 Fuse 34 on fuse holder B

SB42 Fuse 42 on fuse holder B

SB44 Fuse 44 on fuse holder B

SB45 Fuse 45 on fuse holder B

T8d 8-pin connector, behind dash panel, centre

T10f 10-pin connector

(B350) Positive connection 1 (87a) in main wiring harness

(B634) Positive connection 2 (87), in main wiring harness

(L76) Connection (87), in air conditioning system wiring harness

* Up to July 2010

*2 Only models with air conditioning system

* Up to July 2010

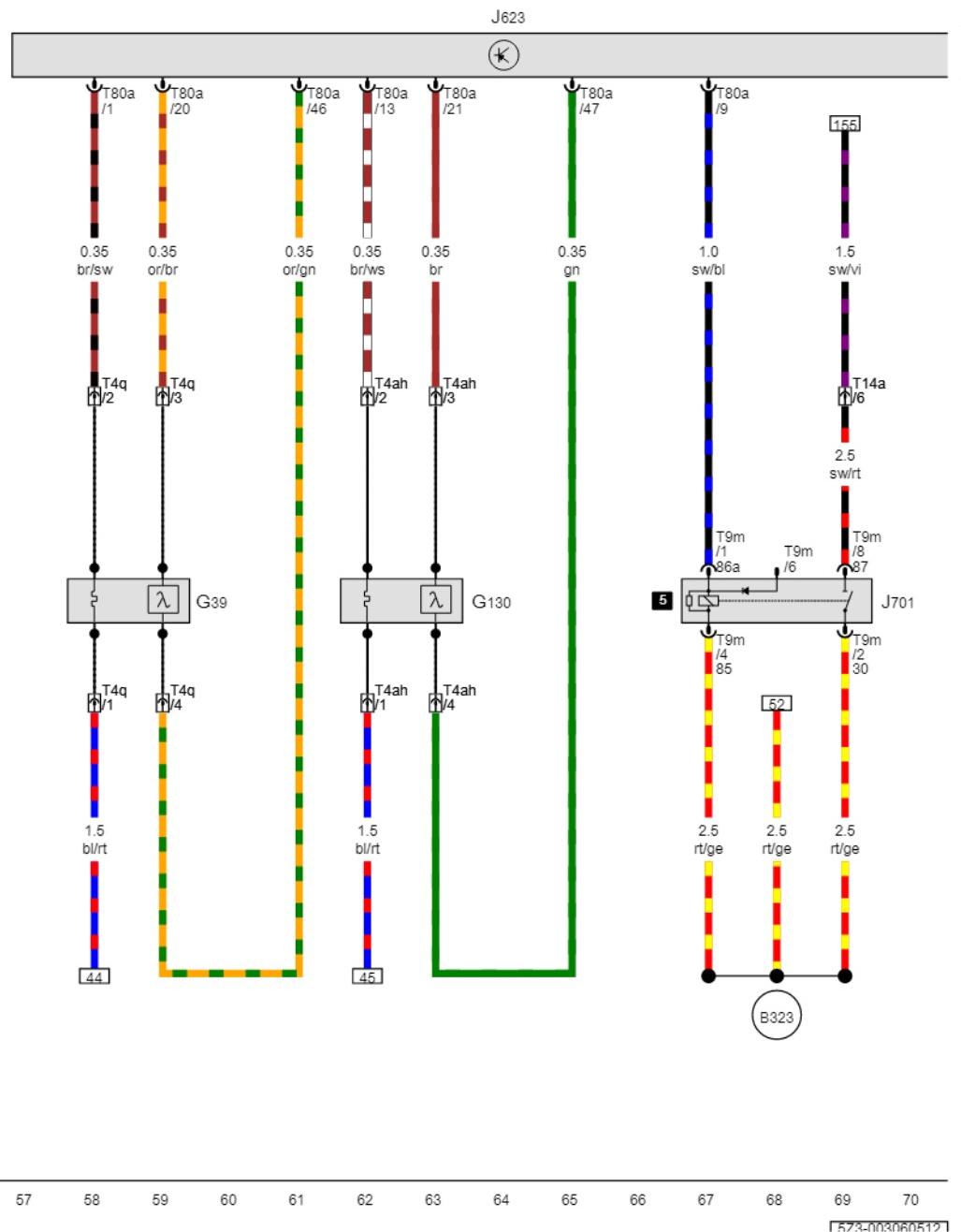
*2 Only models with air conditioning system

ws	= white
sw	= black
ro	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
ge	= yellow
or	= orange
rs	= pink

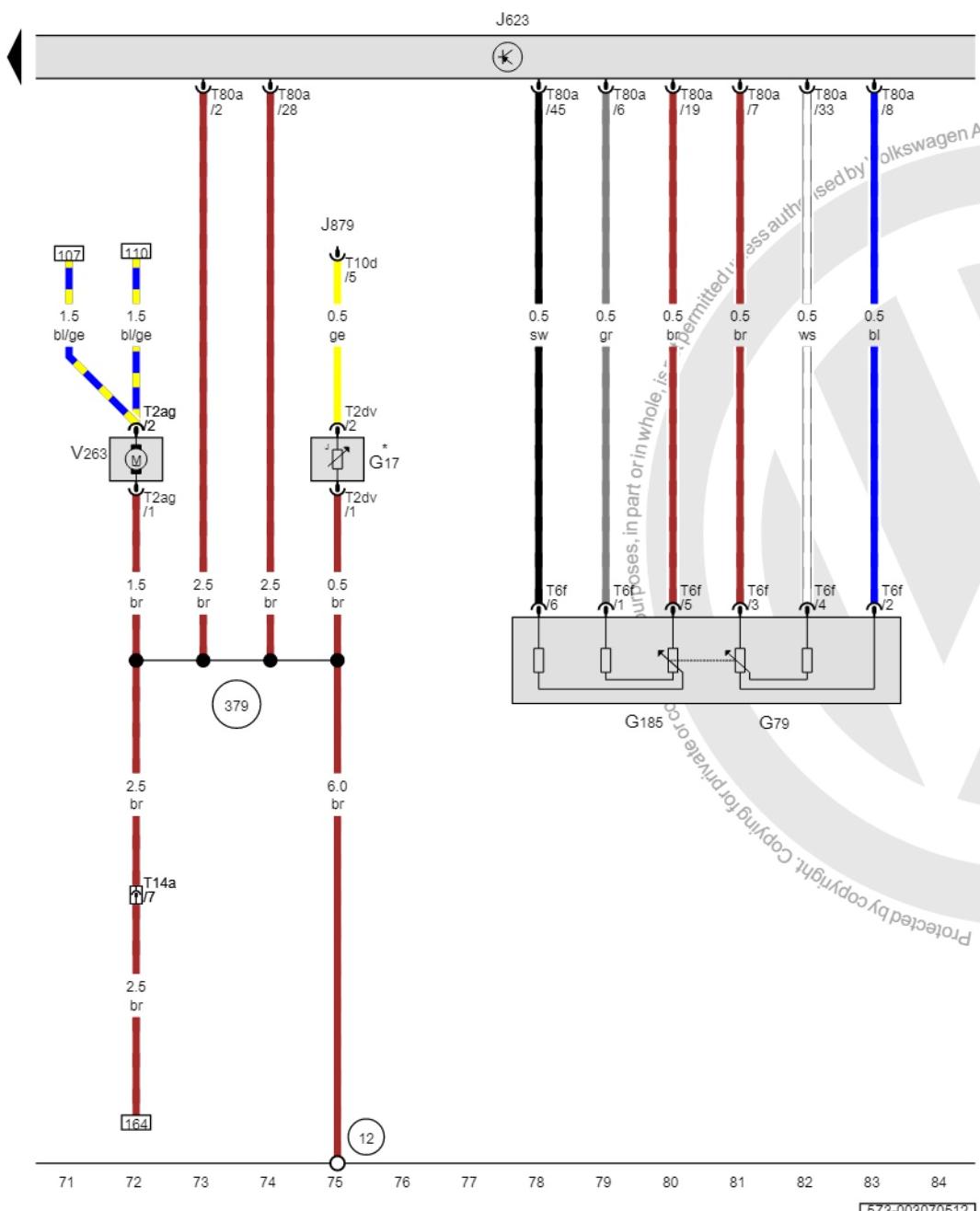
Lambda probe, Lambda probe after catalytic converter,
Engine control unit, Voltage supply relay 1

- G39 Lambda probe
- G130 Lambda probe after catalytic converter
- J623 Engine control unit
- J701 Voltage supply relay 1
- T4ah 4-pin connector
- T4q 4-pin connector
- T9m 9-pin connector
- T14a 14-pin connector, on left in engine compartment
- T80a 80-pin connector

B323 Positive connection 9 (30a) in main wiring harness
Protected by copyright. Copying or publishing is prohibited without authorisation by Volkswagen AG.



- | | |
|----|----------|
| ws | = white |
| sw | = black |
| ro | = red |
| br | = brown |
| gn | = green |
| bl | = blue |
| gr | = grey |
| li | = purple |
| ge | = yellow |
| or | = orange |
| rs | = pink |

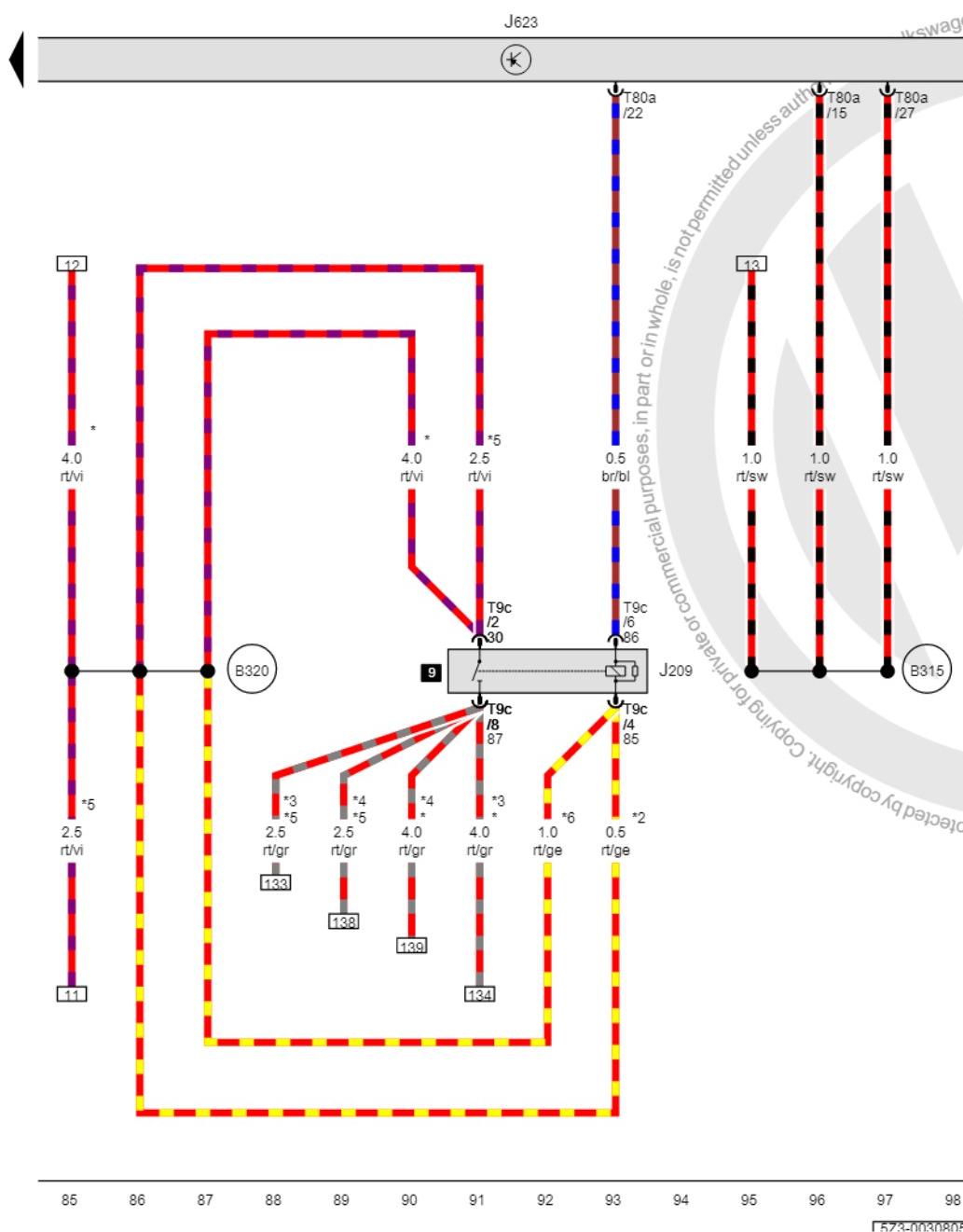


Ambient temperature sensor, Accelerator position sender,
Accelerator position sender 2, Engine control unit, Fuel
pump for cold start

- G17 Ambient temperature sensor
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- J623 Engine control unit
- J879 Control unit for interactive system
- T2ag 2-pin connector
- T2dv 2-pin connector
- T6f 6-pin connector
- T10d 10-pin connector
- T14a 14-pin connector, on left in engine compartment
- T80a 80-pin connector
- V263 Fuel pump for cold start
- (12) Earth point, on left in engine compartment
- (379) Earth connection 14, in main wiring harness
- * For models with interactive system

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Fresh air blower and radiator fan relay, Engine control unit



J209 Fresh air blower and radiator fan relay

J623 Engine control unit

T9c 9-pin connector

T80a 80-pin connector

B315 Positive connection 1 (30a) in main wiring harness

B320 Positive connection 6 (30a) in main wiring harness

* Up to October 2010

*2 Up to July 2010

*3 Only models with no air conditioning system

*4 Only models with air conditioning system

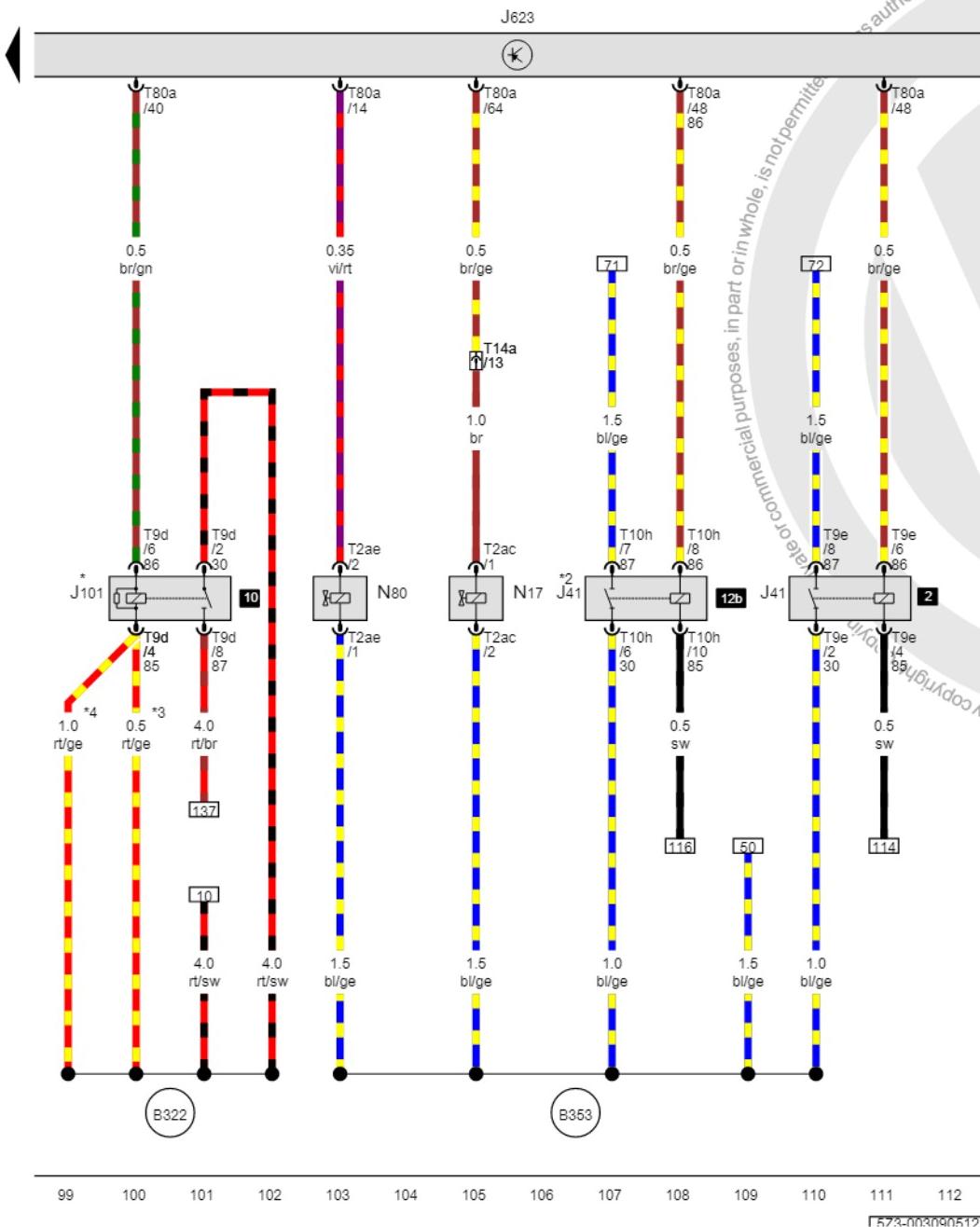
*5 From October 2010

*6 From July 2010

ws	= white
sw	= black
ro	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
ge	= yellow
or	= orange
rs	= pink

L5723-000805121

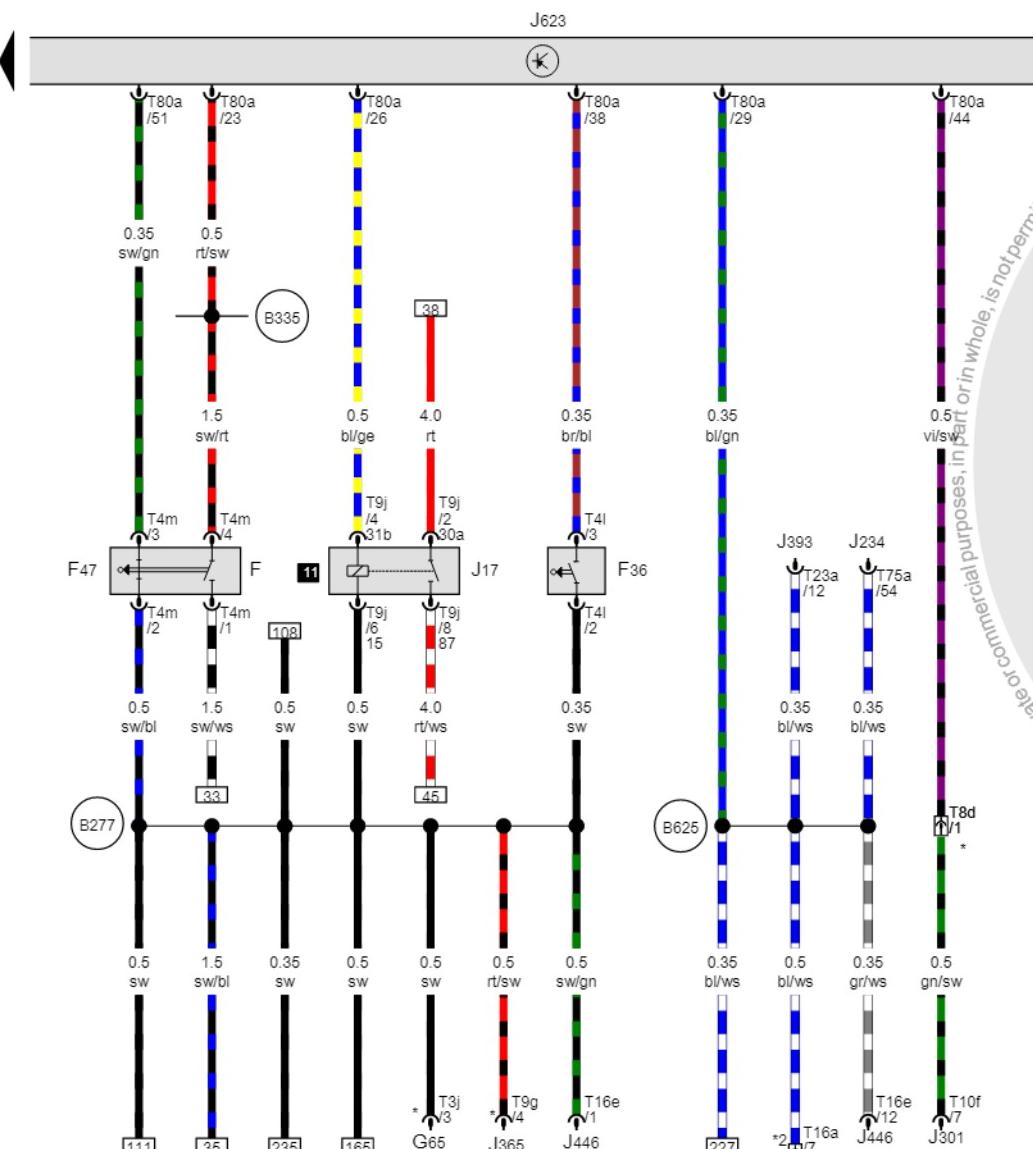
Cold start device relay, Radiator fan 2nd speed relay,
Engine control unit, Cold start valve, Activated charcoal filter
solenoid valve 1



- | | |
|--------|--|
| J41 | Cold start device relay |
| J101 | Radiator fan 2nd speed relay |
| J623 | Engine control unit |
| N17 | Cold start valve |
| N80 | Activated charcoal filter solenoid valve 1 |
| T2ac | 2-pin connector |
| T2ae | 2-pin connector |
| T9d | 9-pin connector |
| T9e | 9-pin connector |
| T10h | 10-pin connector |
| T14a | 14-pin connector, on left in engine compartment |
| T80a | 80-pin connector |
| (B322) | Positive connection 8 (30a) in main wiring harness |
| (B353) | Positive connection 4 (87a) in main wiring harness |
- * Only models with air conditioning system
*2 From October 2011
*3 Up to July 2010
*4 From July 2010

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

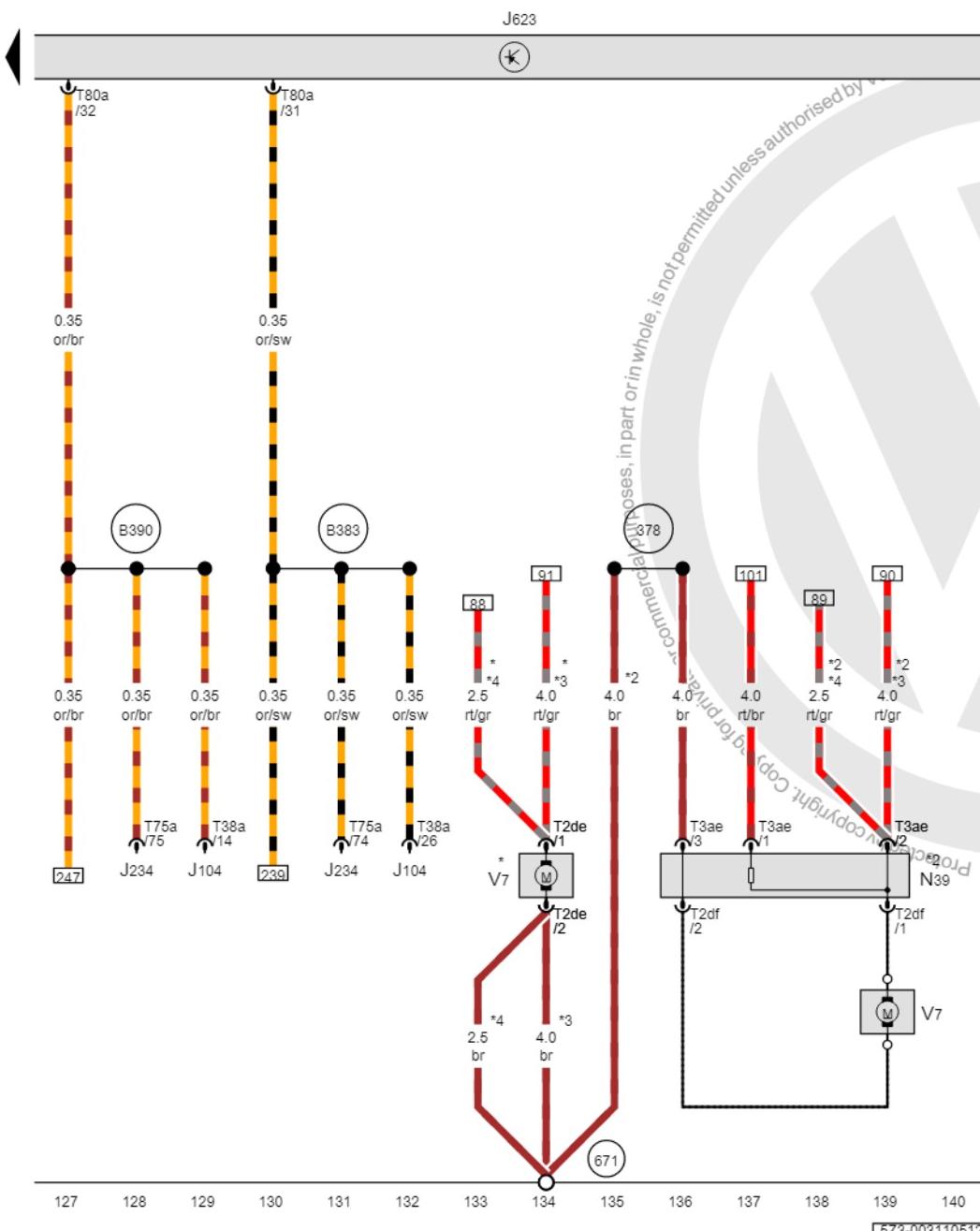
Brake light switch, Clutch pedal switch, Brake pedal switch,
Fuel pump relay, Engine control unit



F	Brake light switch
F36	Clutch pedal switch
F47	Brake pedal switch
G65	High-pressure sender
J17	Fuel pump relay
J234	Airbag control unit
J301	Air conditioning system control unit
J365	Air conditioning system switch-off relay
J393	Convenience system central control unit
J446	Parking aid control unit
J623	Engine control unit
T3j	3-pin connector
T4l	4-pin connector
T4m	4-pin connector
T8d	8-pin connector, behind dash panel, centre
T9g	9-pin connector
T9j	9-pin connector
T10f	10-pin connector
T16a	16-pin connector
T16e	16-pin connector
T23a	23-pin connector
T75a	75-pin connector
T80a	80-pin connector
B277	Positive connection 1 (15a) in main wiring harness
B335	Connection 1 (54), in main wiring harness
B625	Connection (K-diagnosis wire), in main wiring harness
*	Only models with air conditioning system
*2	Diagnostic connection

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

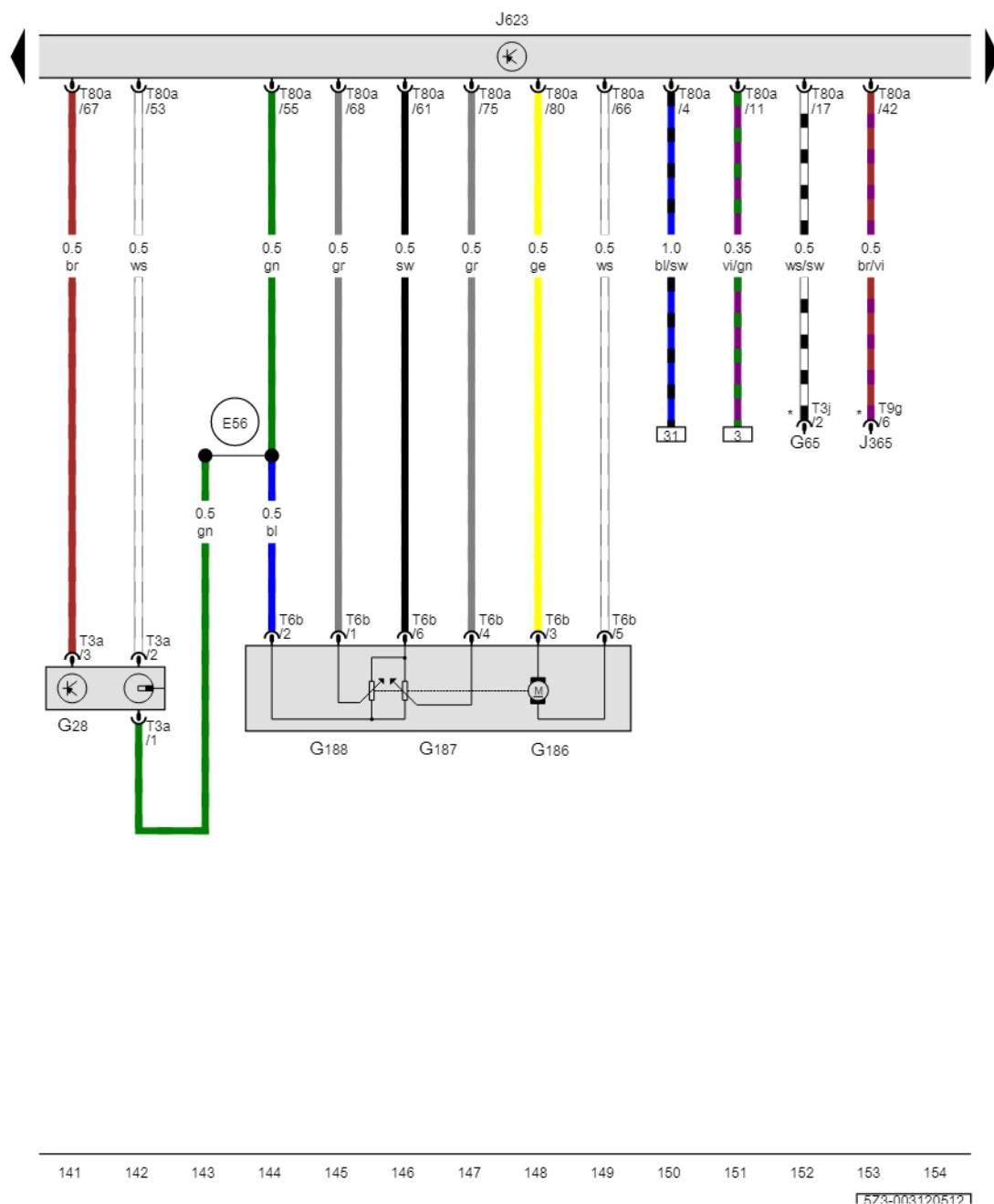
113 114 115 116 117 118 119 120 121 122 123 124 125 126



Engine control unit, Radiator fan series resistor, Radiator fan

- J104 ABS control unit
- J234 Airbag control unit
- J623 Engine control unit
- N39 Radiator fan series resistor
- T2de 2-pin connector
- T2df 2-pin connector
- T3ae 3-pin connector
- T38a 38-pin connector
- T75a 75-pin connector
- T80a 80-pin connector
- V7 Radiator fan
- 378 Earth connection 13, in main wiring harness
- 671 Earth point 1, on front of left longitudinal member
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- * Only models with no air conditioning system
- *2 Only models with air conditioning system
- *3 Up to October 2010
- *4 From October 2010

ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink



Engine speed sender, Throttle valve drive for electric throttle, Throttle valve drive angle sender 1 for electric throttle, Throttle valve drive angle sender 2 for electric throttle, Engine control unit

- G28 Engine speed sender
- G65 High-pressure sender
- G186 Throttle valve drive for electric throttle
- G187 Throttle valve drive angle sender 1 for electric throttle
- G188 Throttle valve drive angle sender 2 for electric throttle
- J365 Air conditioning system switch-off relay
- J623 Engine control unit
- T3a 3-pin connector
- T3j 3-pin connector
- T6b 6-pin connector
- T9g 9-pin connector
- T80a 80-pin connector

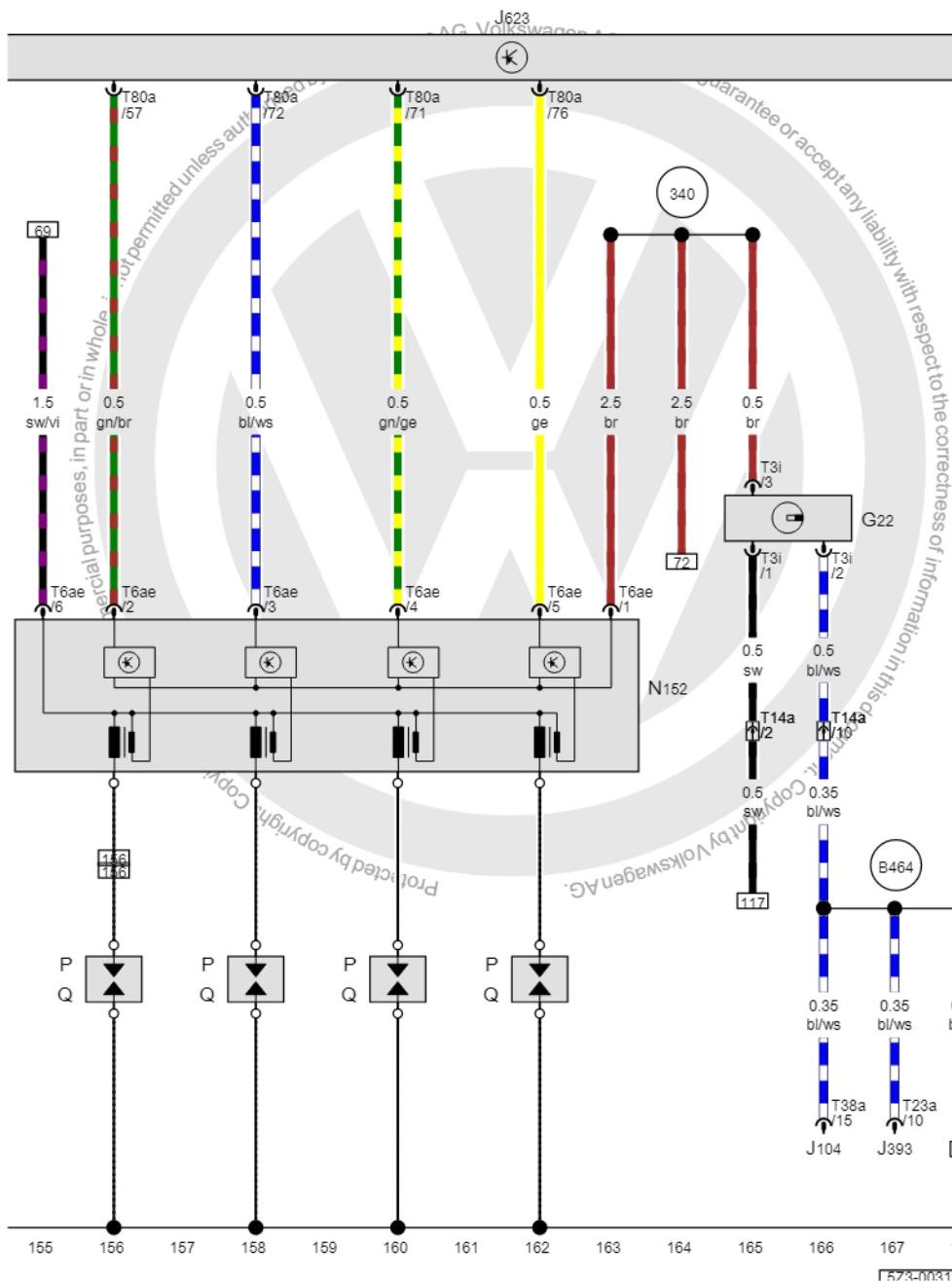
E56 Connection 1, in injection system wiring harness
Only models with air conditioning system

Speedometer sender, Engine control unit, Ignition transformer, Spark plug connector, Spark plugs

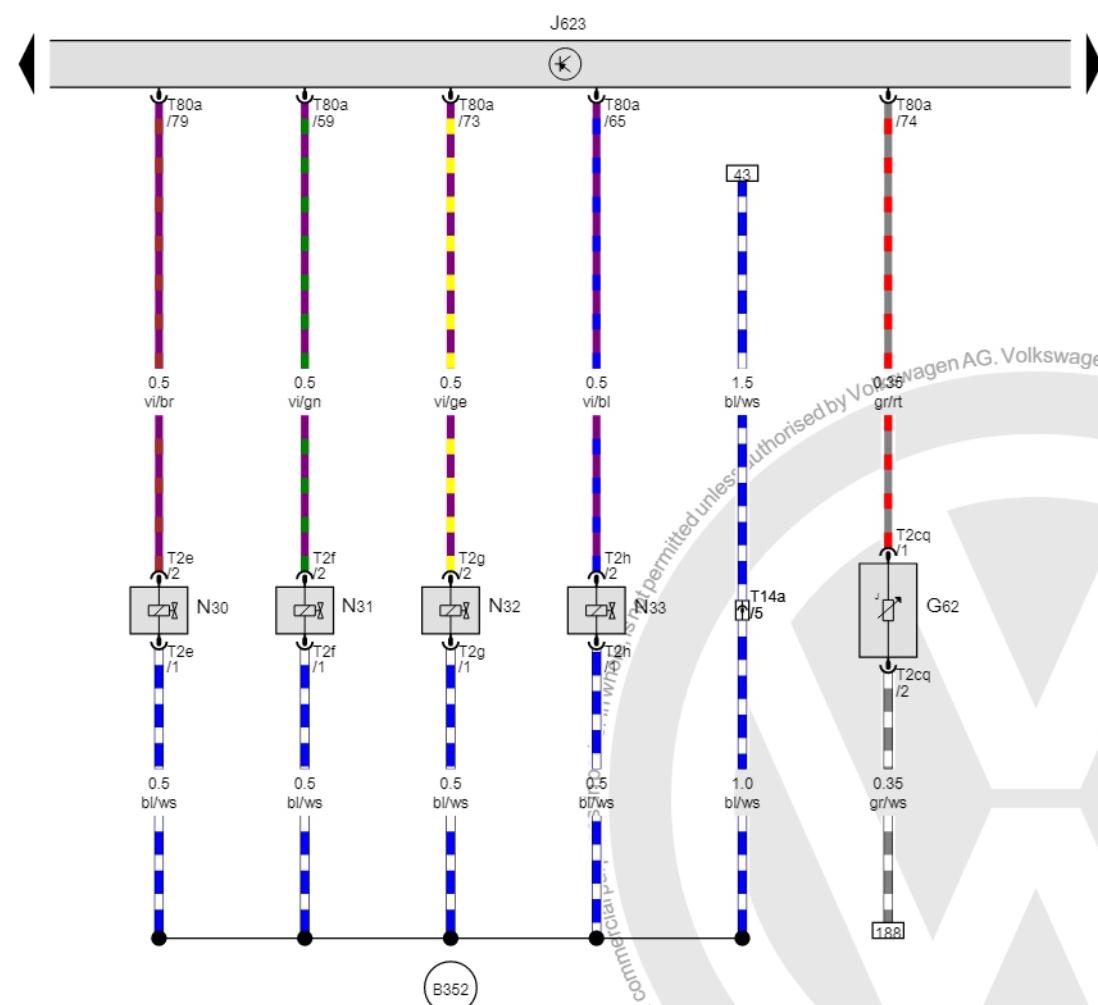
G22 Speedometer sender
 J104 ABS control unit
 J393 Convenience system central control unit
 J623 Engine control unit
 N152 Ignition transformer
 P Spark plug connector
 Q Spark plugs
 T3i 3-pin connector
 T6ae 6-pin connector
 T14a 14-pin connector, on left in engine compartment
 T23a 23-pin connector
 T38a 38-pin connector
 T80a 80-pin connector

340 Earth connection 2, in injection system wiring harness

B464 Connection (speed signal), in main wiring harness



ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink



Coolant temperature sender, Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

G62 Coolant temperature sender

J623 Engine control unit

N30 Injector, cylinder 1

N31 Injector, cylinder 2

N32 Injector, cylinder 3

N33 Injector, cylinder 4

T2cq 2-pin connector

T2e 2-pin connector

T2f 2-pin connector

T2g 2-pin connector

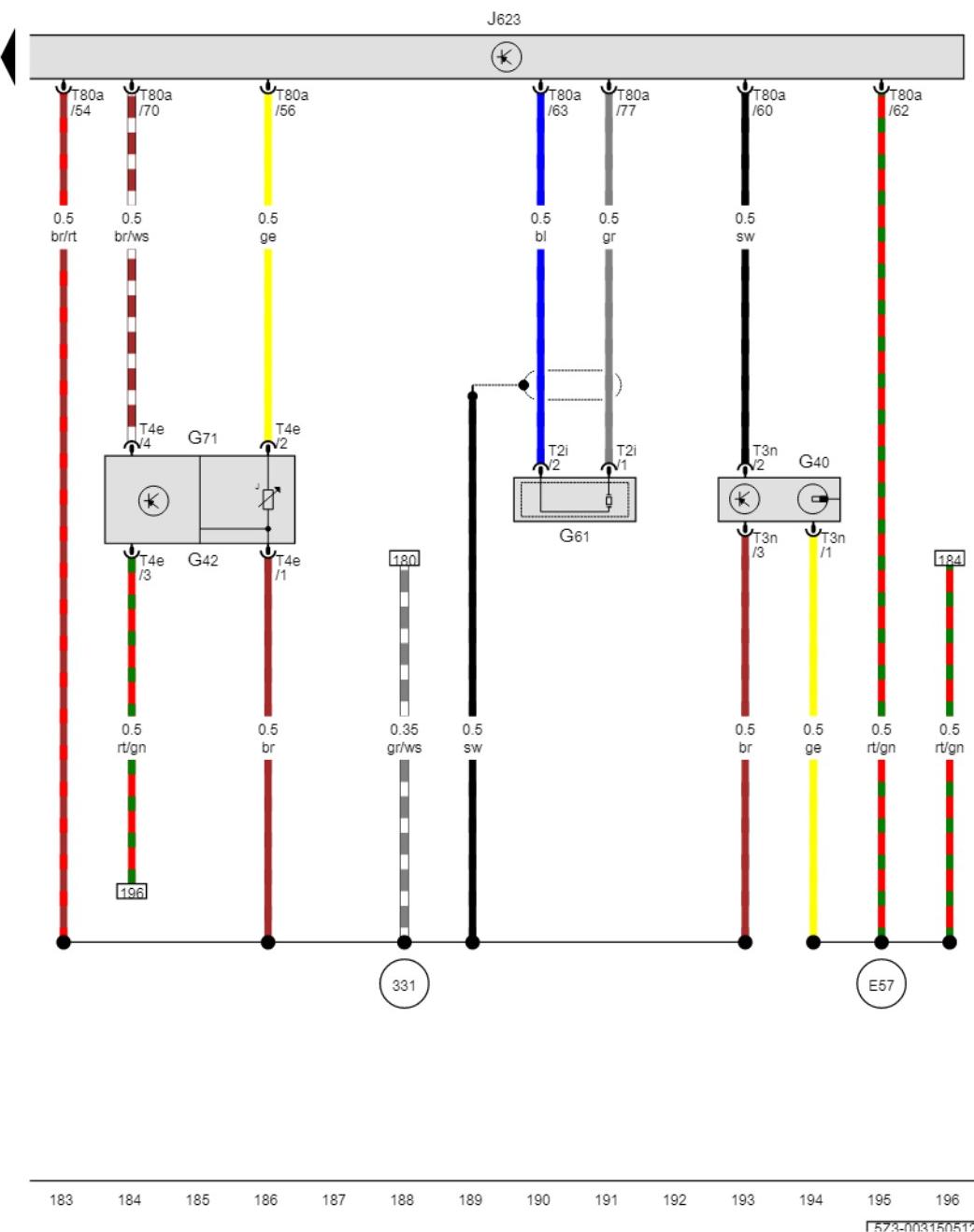
T2h 2-pin connector

T14a 14-pin connector, on left in engine compartment

T80a 80-pin connector

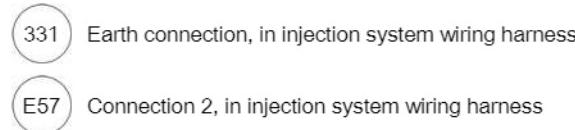
B352 Positive connection 3 (87a) in main wiring harness

ws	= white
sw	= black
ro	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
ge	= purple
or	= yellow
rs	= orange

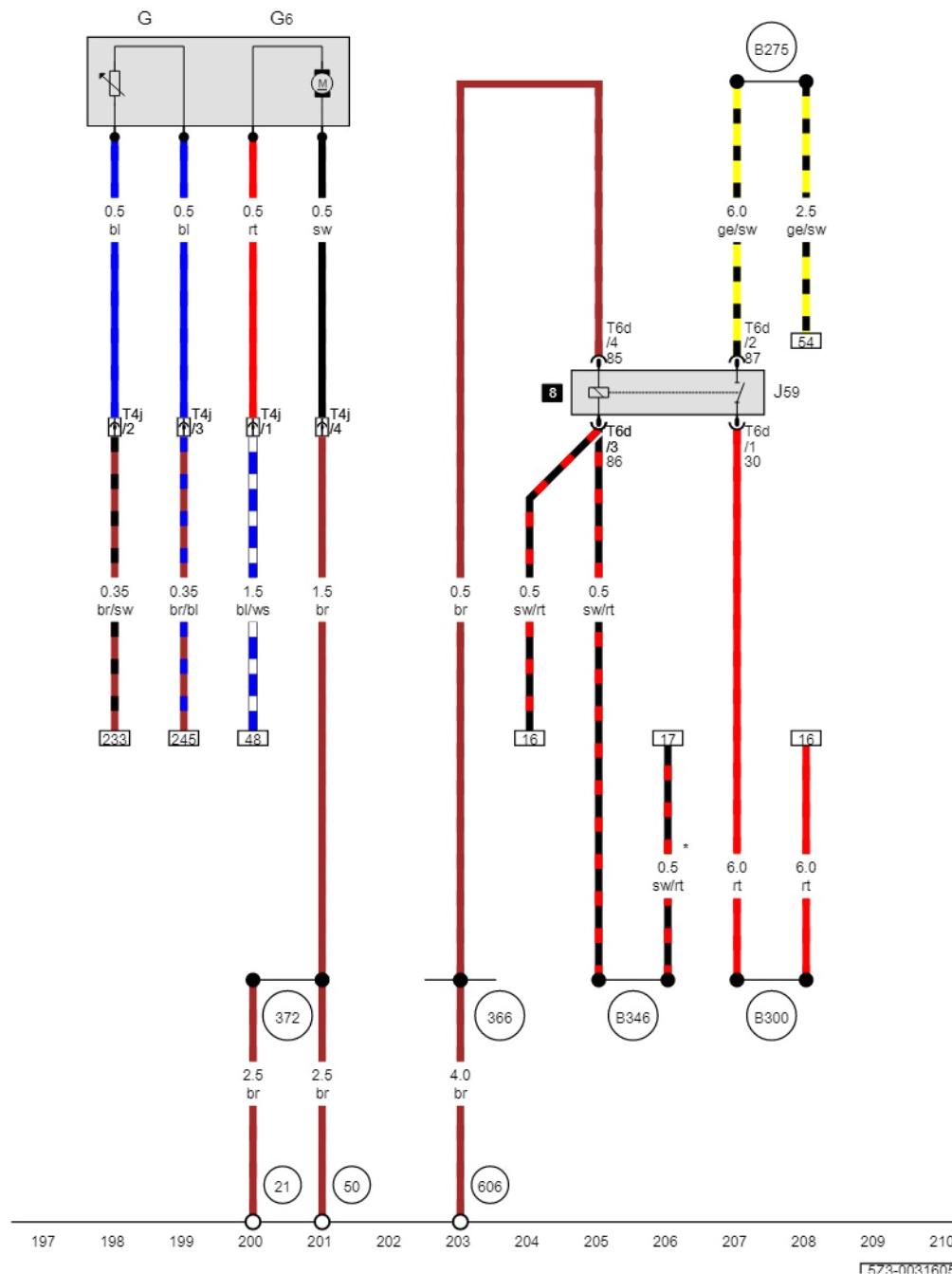


Hall sender, Intake air temperature sender, Knock sensor 1,
Intake manifold pressure sender, Engine control unit

- | | |
|------|---------------------------------|
| G40 | Hall sender |
| G42 | Intake air temperature sender |
| G61 | Knock sensor 1 |
| G71 | Intake manifold pressure sensor |
| J623 | Engine control unit |
| T2i | 2-pin connector |
| T3n | 3-pin connector |
| T4e | 4-pin connector |
| T80a | 80-pin connector |



ws	= white
sw	= black
ro	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
ge	= yellow
or	= orange
rs	= pink



Fuel gauge sender, Fuel system pressurisation pump, X-contact relief relay

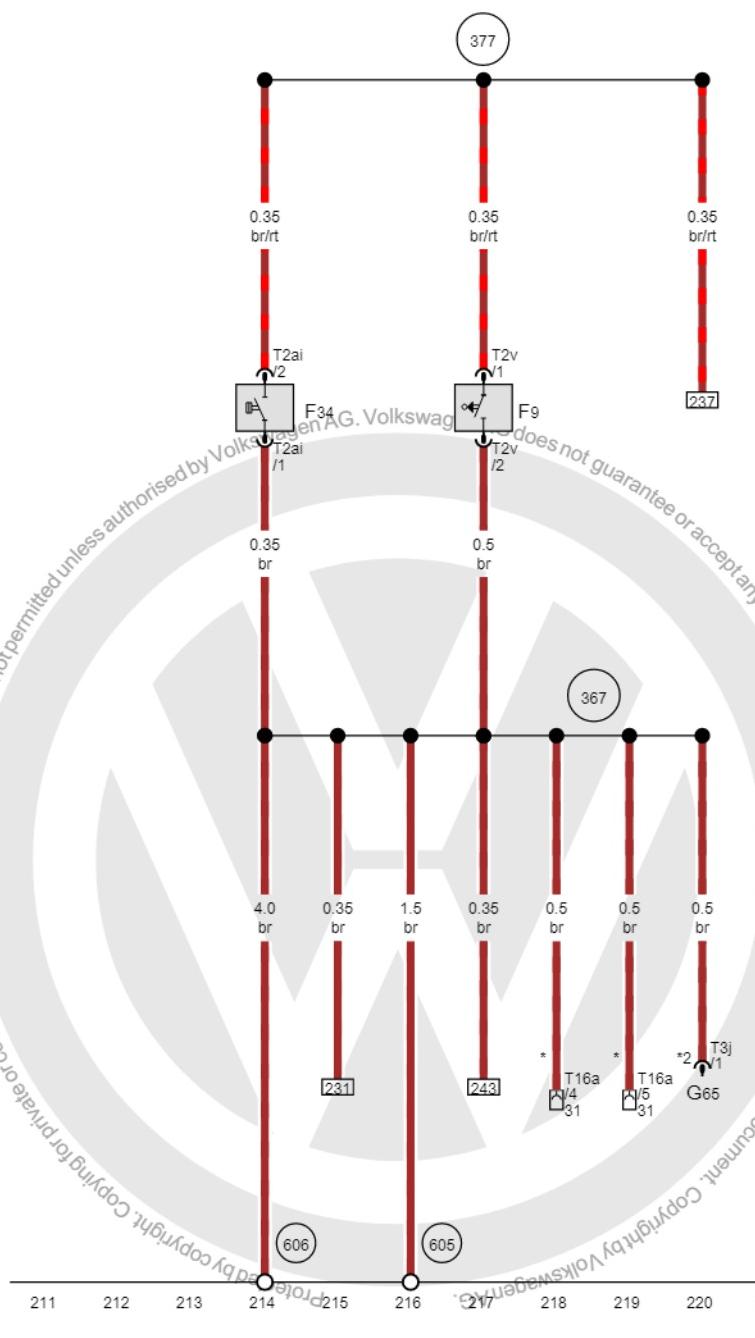
- | | |
|--------|---|
| G | Fuel gauge sender |
| G6 | Fuel system pressurisation pump |
| J59 | X-contact relief relay |
| T4j | 4-pin connector |
| T6d | 6-pin connector |
| 21 | Earth point, near fuel pump |
| 50 | Earth point, on left in luggage compartment |
| 366 | Earth connection 1, in main wiring harness |
| 372 | Earth connection 7, in main wiring harness |
| 606 | Earth point, under the centre console near gear stick |
| B275 | Positive connection (87), in main wiring harness |
| (B300) | Positive connection 4 (30), in main wiring harness |
| (B346) | Connection 1 (75), in main wiring harness |

* Only models with no rain and light sensor

Protected by copyright. Copying for private purposes only.

Volkswagen AG. Volkswagen AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copying for private purposes only.

Handbrake warning switch, Brake fluid level warning contact



F9 Handbrake warning switch

F34 Brake fluid level warning contact

G65 High-pressure sender

T2ai 2-pin connector

T2v 2-pin connector

T3j 3-pin connector

T16a 16-pin connector

367 Earth connection 2, in main wiring harness

377 Earth connection 12, in main wiring harness

605 Earth point, on top end of steering column

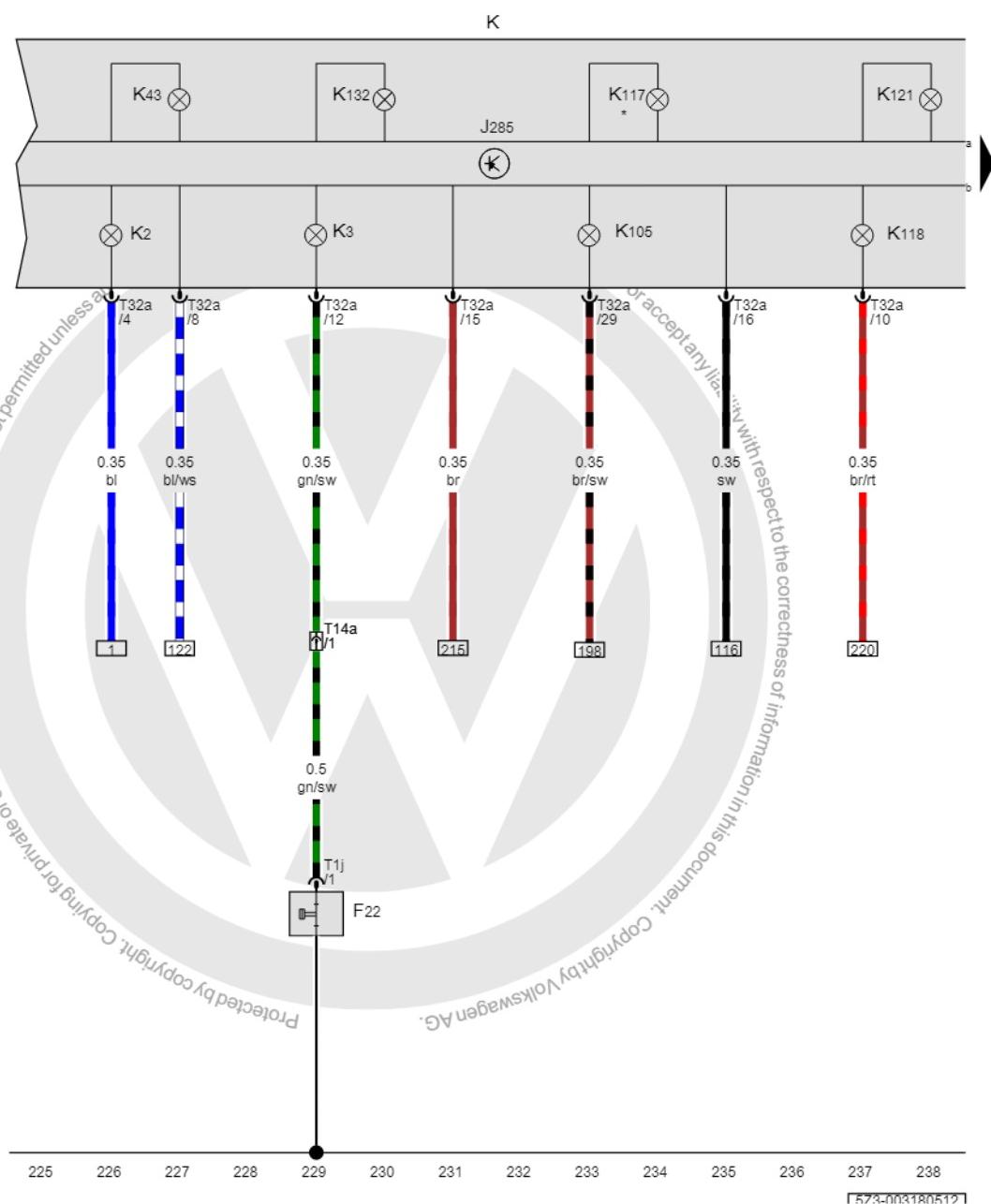
606 Earth point, under the centre console near gear stick

* Diagnostic connection

*2 Only models with air conditioning system

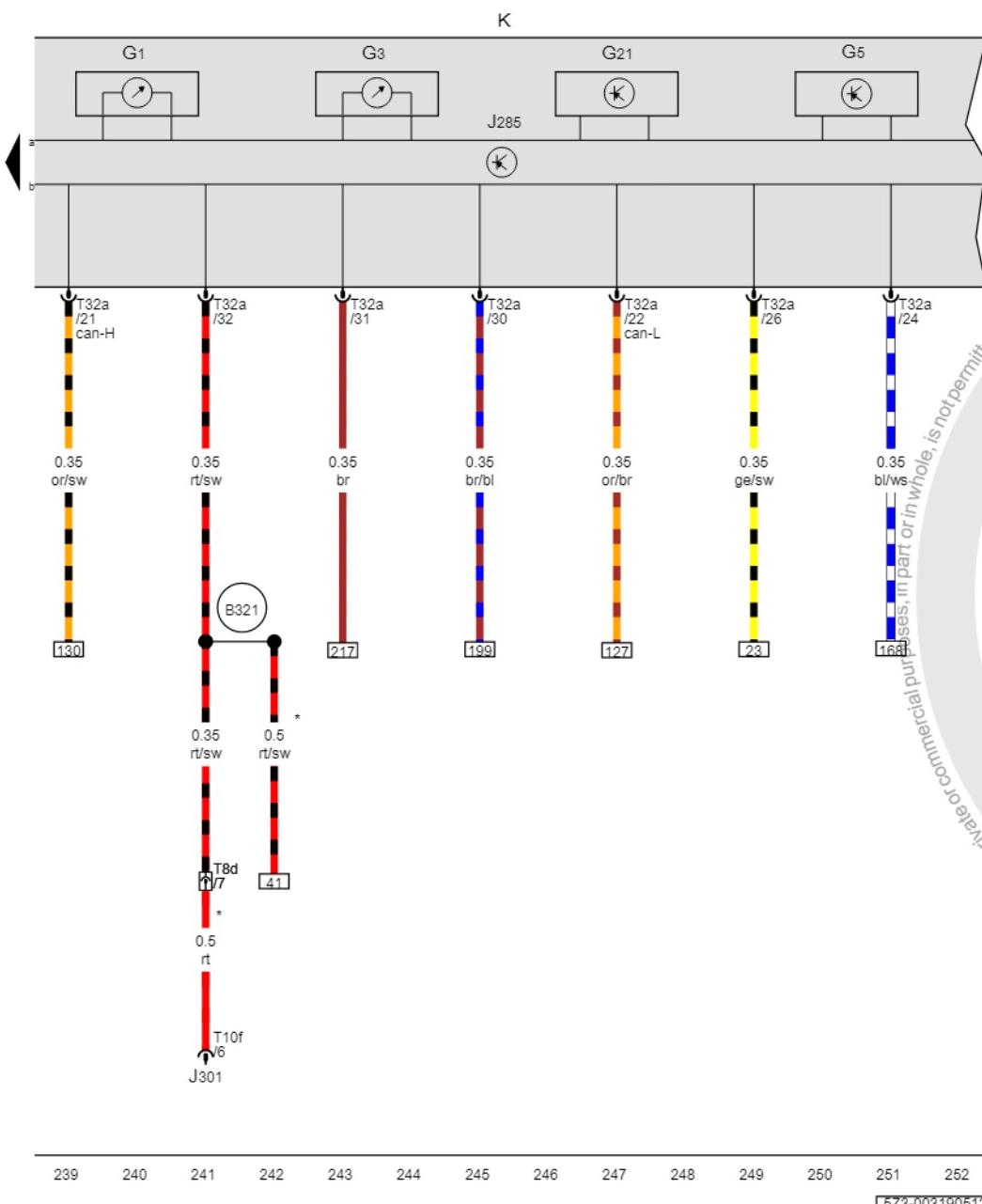
ws	= white
sw	= black
ro	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
ge	= yellow
or	= orange
rs	= pink

Oil pressure switch, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp, Oil pressure warning lamp, Reserve fuel warning lamp, Immobiliser warning lamp, Brake system warning lamp, Malfunction warning lamp



ws	= white
sw	= black
ro	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
ge	= yellow
or	= orange
rs	= pink

Fuel gauge, Coolant temperature gauge, Rev. counter,
Speedometer, Control unit in dash panel insert, Dash panel
insert



G1 Fuel gauge

G3 Coolant temperature gauge

G5 Rev. counter

G21 Speedometer

J285 Control unit in dash panel insert

J301 Air conditioning system control unit

K Dash panel insert

T8d 8-pin connector, behind dash panel, centre

T10f 10-pin connector

T32a 32-pin connector

B321 Positive connection 7 (30a) in main wiring harness

* Only models with air conditioning system

white
ws

black
sw

red
ro

brown
br

green
gn

blue
bl

grey
gr

purple
li

yellow
ge

orange
or

pink
rs

Air conditioning system , CCNA,CCRA,CFZA
From August 2009

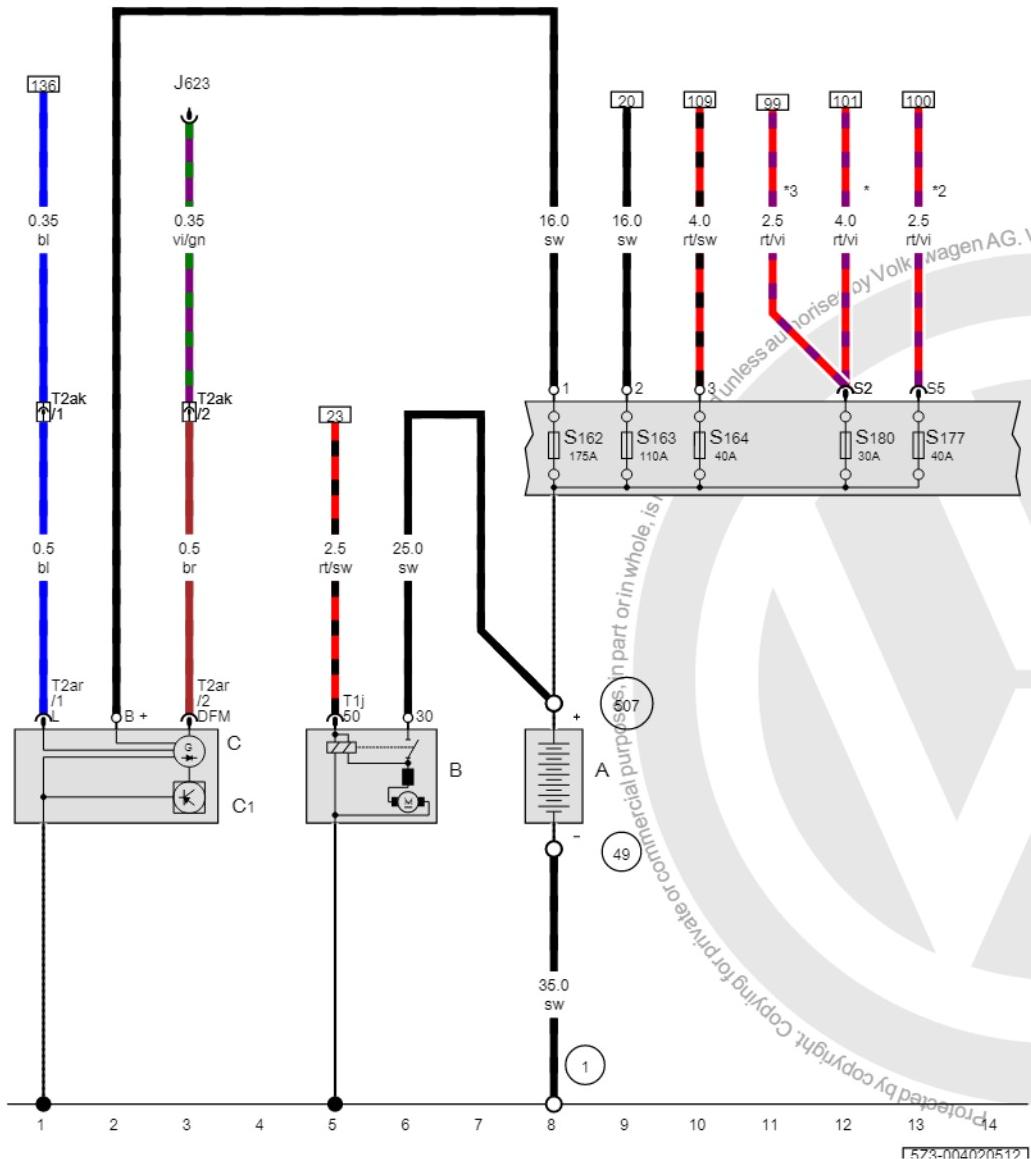


Battery, Starter, Alternator, Voltage regulator

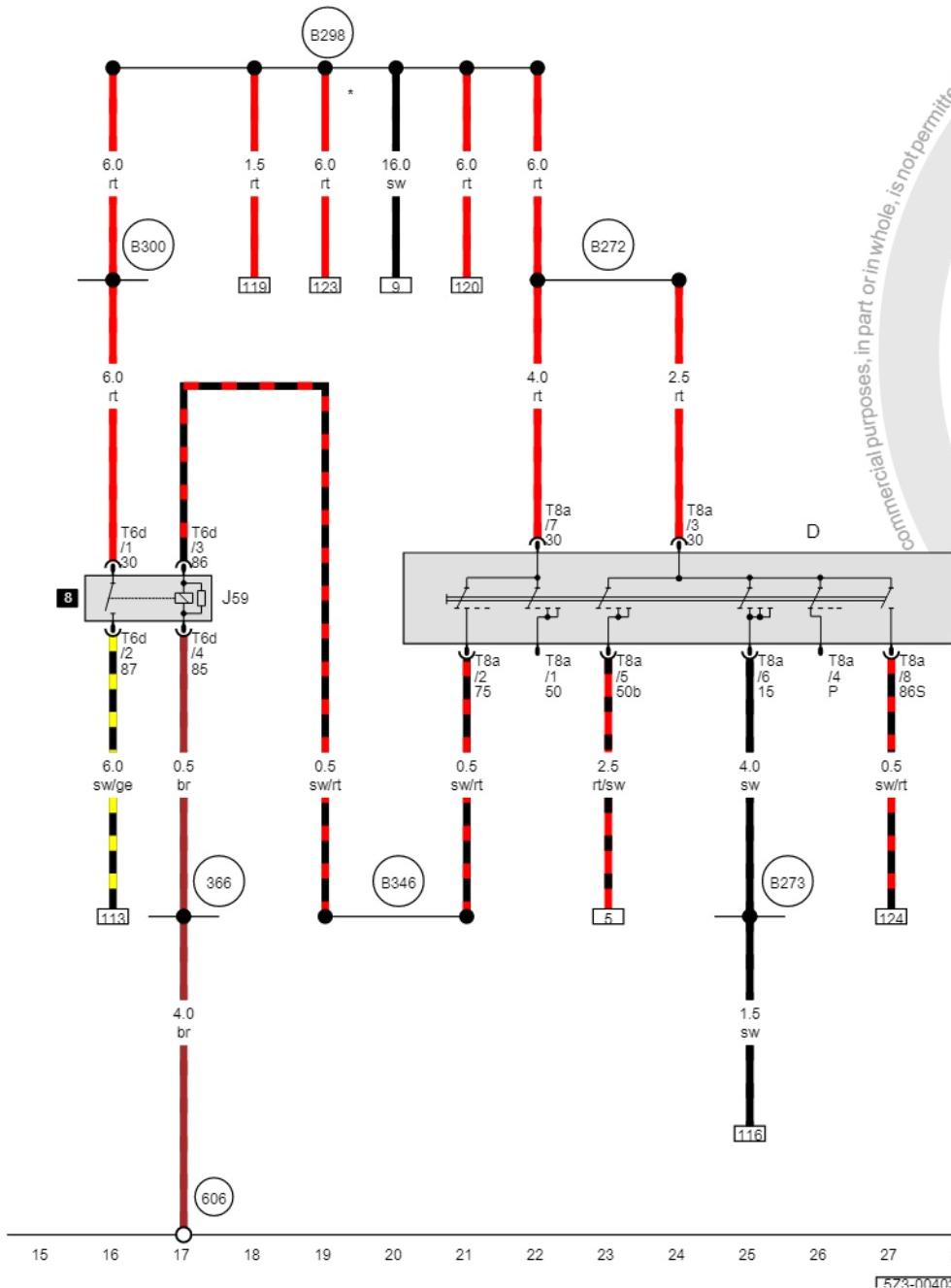
- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- S164 Fuse 3 (30), in battery fuse holder
- S177 Fuse 5 (30), in battery fuse holder
- S180 Fuse 8 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector, in engine compartment
- T2ar 2-pin connector

- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder

* Up to October 2010
 *2 From February 2011
 *3 From October 2010



Ignition/starter switch, X-contact relief relay

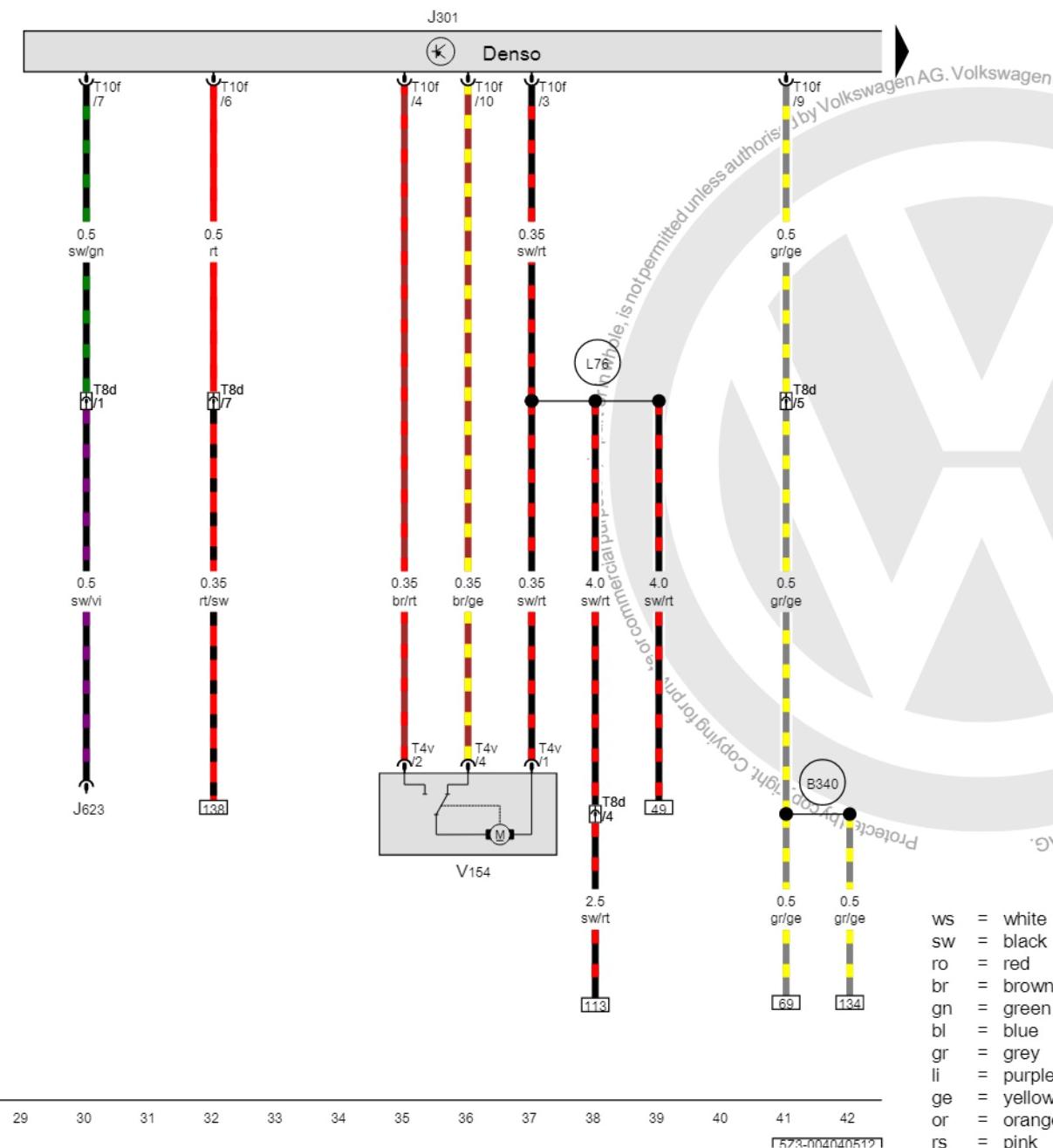


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

F573-0040305121

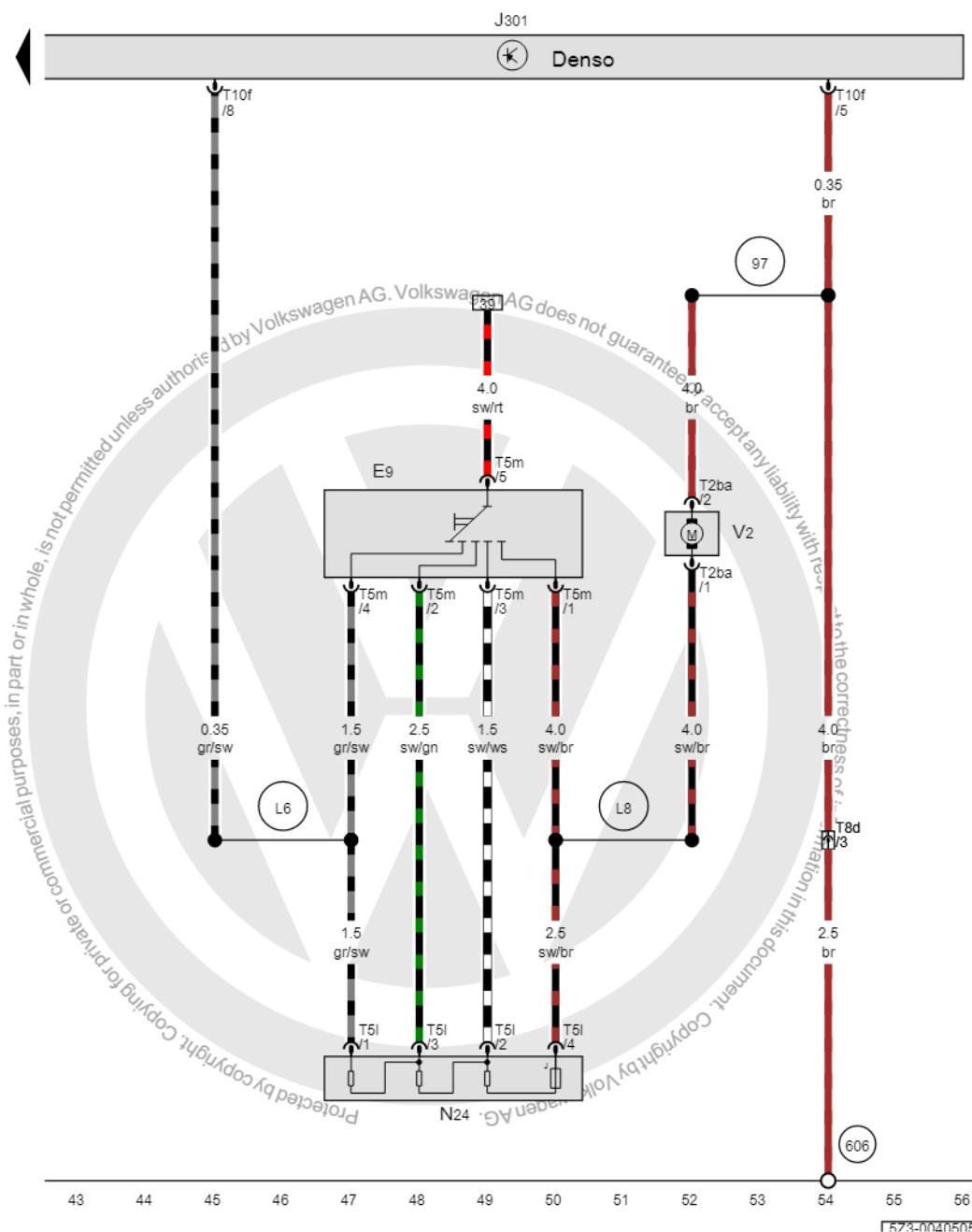
Air conditioning system control unit, Fresh air and air recirculation flap control motor

- J301 Air conditioning system control unit
- J623 Engine control unit
- T4v 4-pin connector
- T8d 8-pin connector, behind dash panel, centre
- T10f 10-pin connector
- V154 Fresh air and air recirculation flap control motor
- (B340) Connection 1 (58d), in main wiring harness
- (L76) Connection (87), in air conditioning system wiring harness



29 30 31 32 33 34 35 36 37 38 39 40 41 42

F573-0020405121



Fresh air blower switch, Air conditioning system control unit, Fresh air blower series resistor with overheating fuse, Fresh air blower

- | | |
|------|---|
| E9 | Fresh air blower switch |
| J301 | Air conditioning system control unit |
| N24 | Fresh air blower series resistor with overheating fuse |
| T2ba | 2-pin connector |
| T5l | 5-pin connector |
| T5m | 5-pin connector |
| T8d | 8-pin connector, behind dash panel, centre |
| T10f | 10-pin connector |
| V2 | Fresh air blower |
| 97 | Earth connection 1, in air conditioning system wiring harness |
| 606 | Earth point, under the centre console near gear stick |
| L6 | Connection 2, in evaporator housing unit wiring harness |
| L8 | Connection 4, in evaporator housing unit wiring harness |

ws	= white
sw	= black
ro	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
ge	= yellow
or	= orange
rs	= pink

Air conditioning system control unit, Fresh air and air recirculation flap control motor

J301 Air conditioning system control unit

J623 Engine control unit

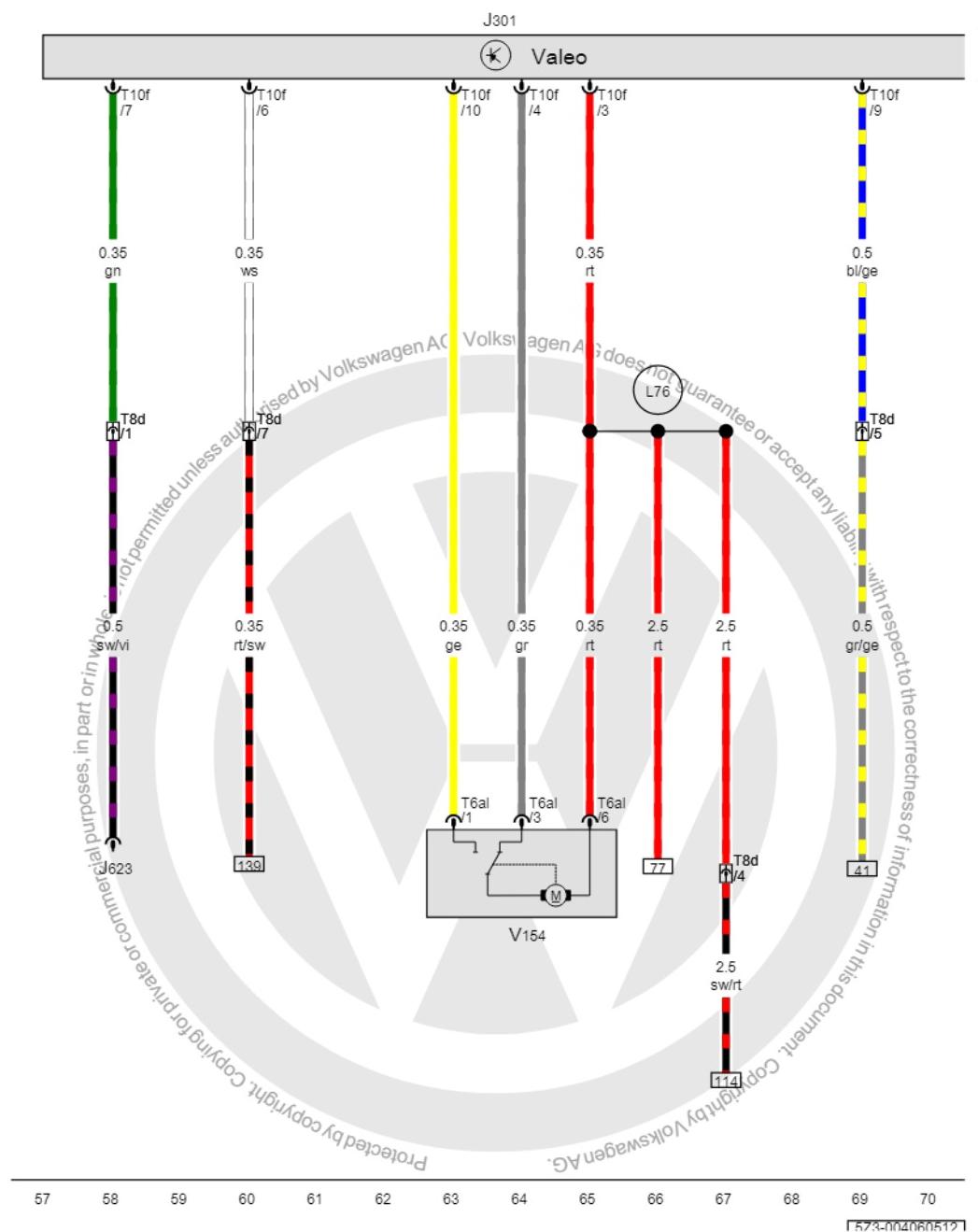
T6al 6-pin connector

T8d 8-pin connector, behind dash panel, centre

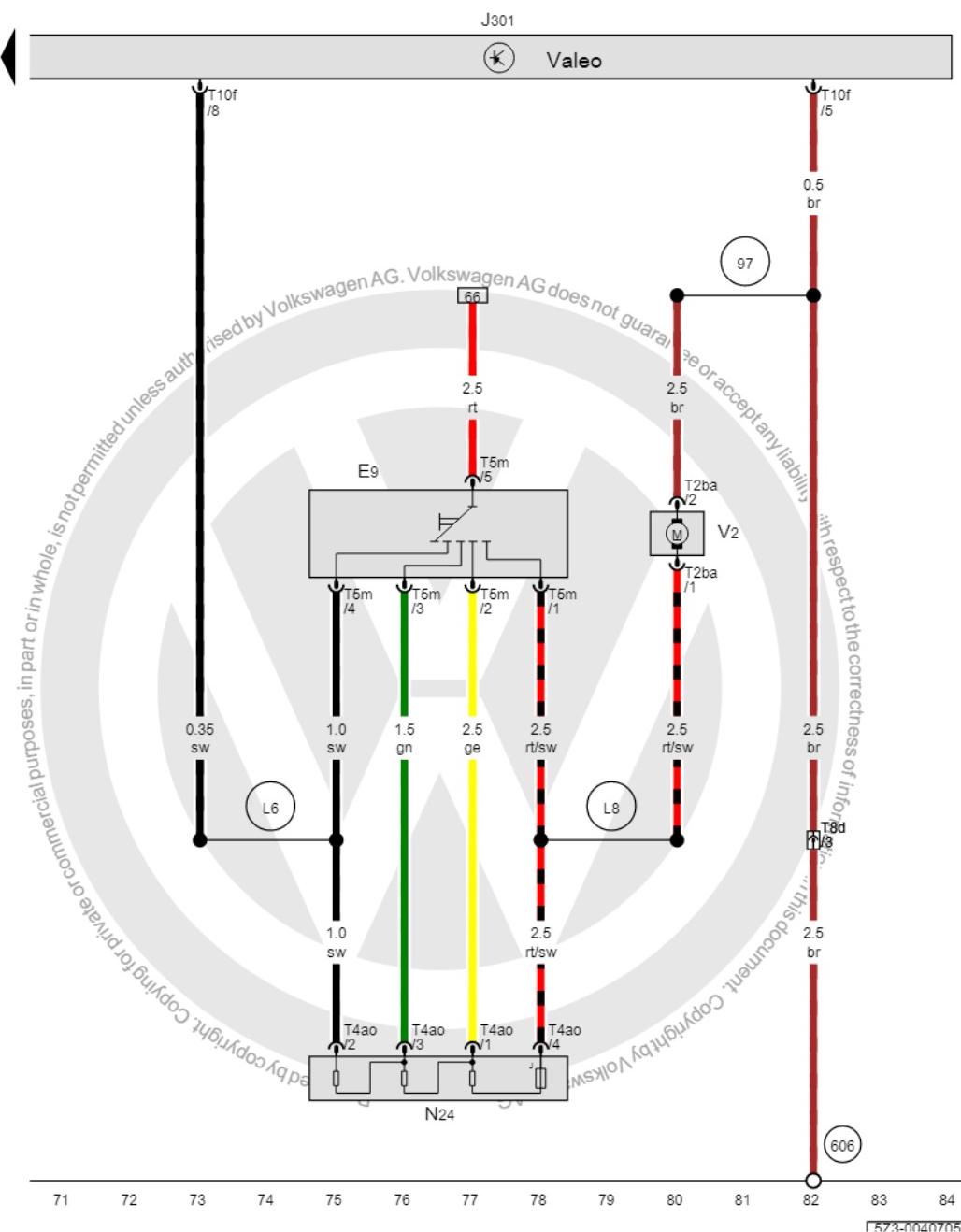
T10f 10-pin connector

V154 Fresh air and air recirculation flap control motor

L76 Connection (87), in air conditioning system wiring harness



ws	= white
sw	= black
ro	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
ge	= yellow
or	= orange
rs	= pink



Fresh air blower switch, Air conditioning system control unit, Fresh air blower series resistor with overheating fuse, Fresh air blower

- E9 Fresh air blower switch
 - J301 Air conditioning system control unit
 - N24 Fresh air blower series resistor with overheating fuse
 - T2ba 2-pin connector
 - T4ao 4-pin connector
 - T5m 5-pin connector
 - T8d 8-pin connector, behind dash panel, centre
 - T10f 10-pin connector
 - V2 Fresh air blower

97 Earth connection 1, in air conditioning system wiring harness

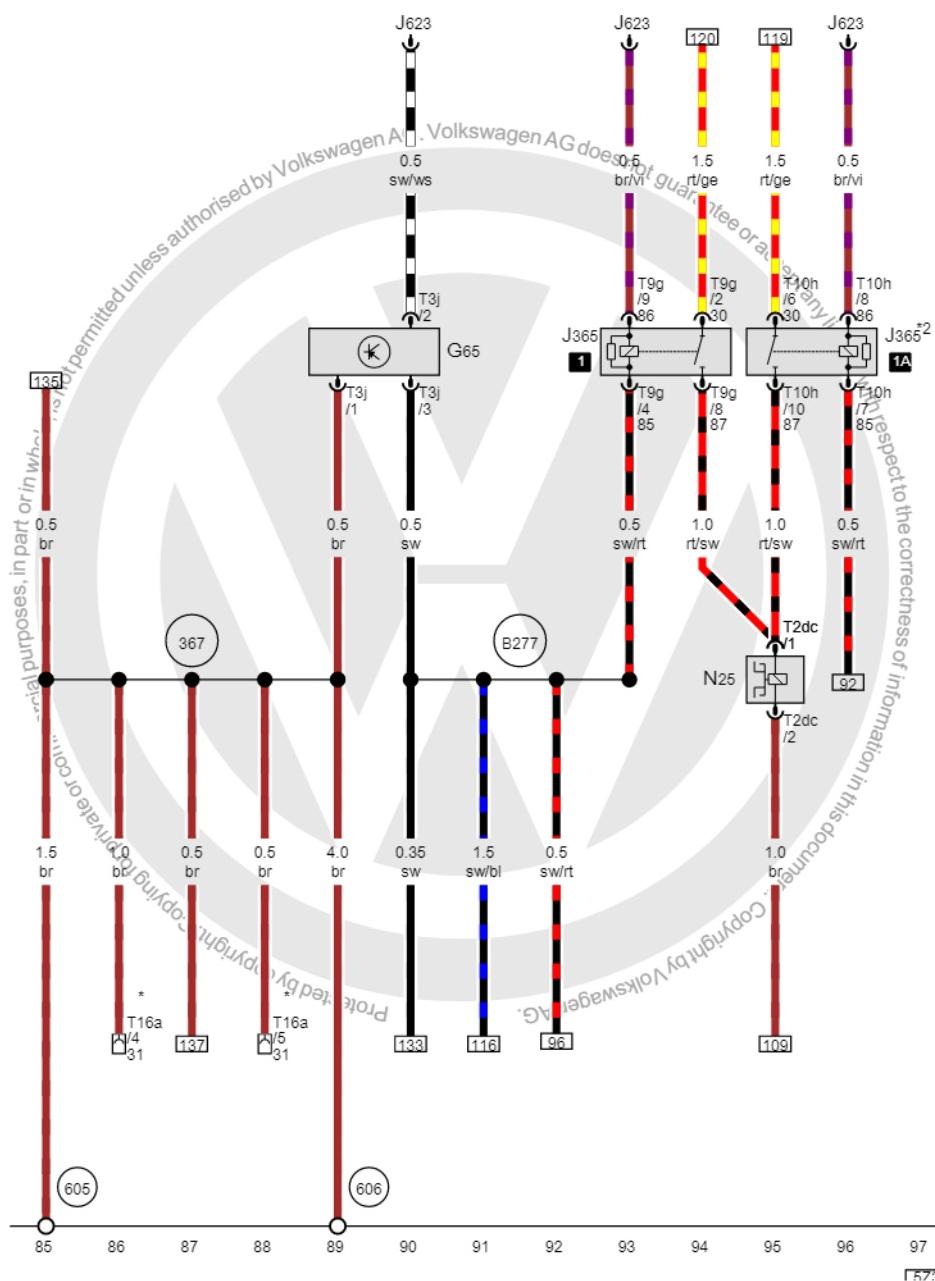
606 Earth point, under the centre console near gear stick

L6 Connection 2, in evaporator housing unit wiring harness

L8 Connection 4, in evaporator housing unit wiring harness

ws	= white
sw	= black
ro	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
ge	= yellow
or	= orange
rs	= pink

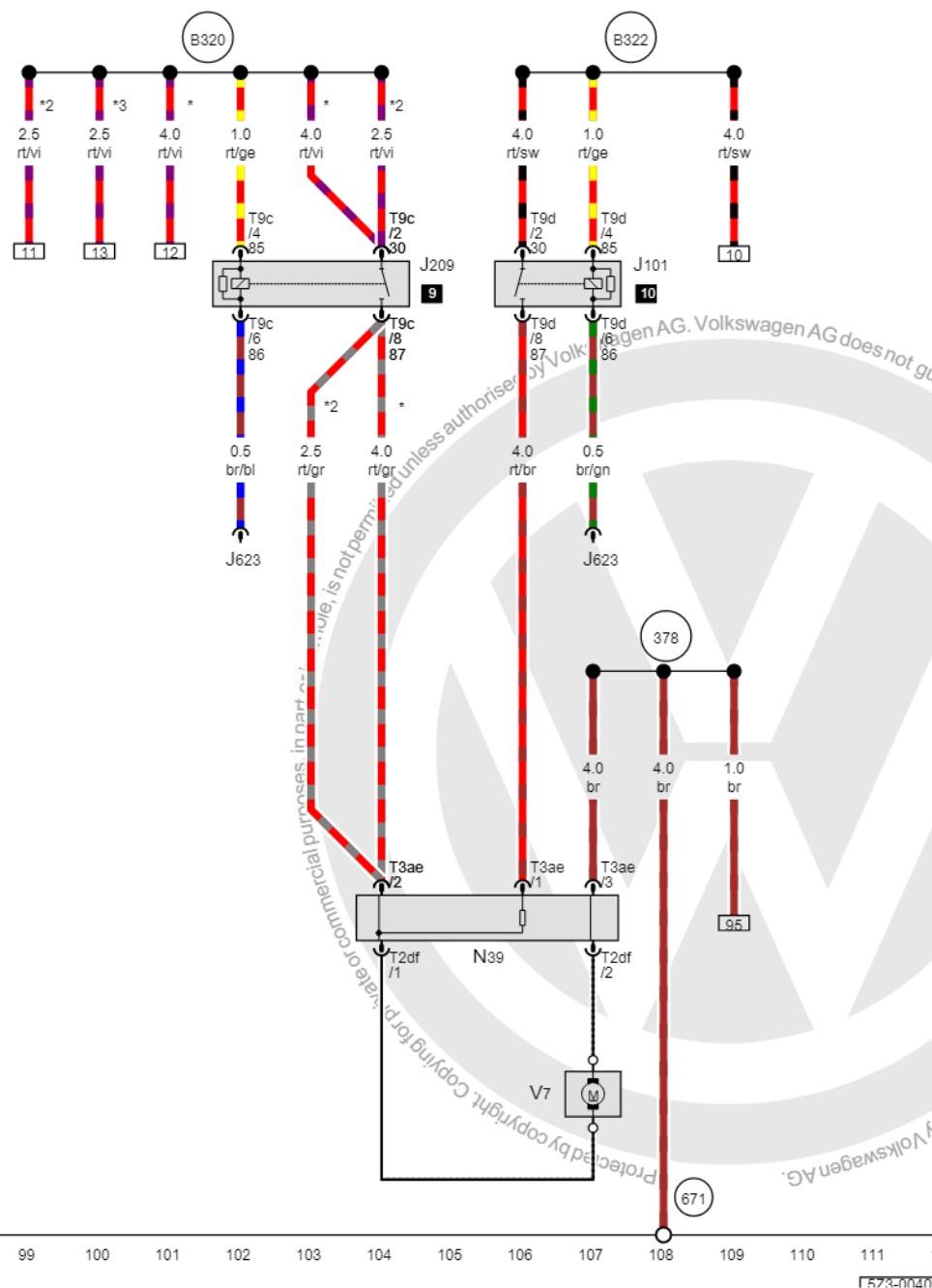
High-pressure sender, Air conditioning system switch-off relay, Air conditioning system magnetic clutch



ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

F573-0020805121

Radiator fan 2nd speed relay, Fresh air blower and radiator fan relay, Radiator fan series resistor, Radiator fan



J101 Radiator fan 2nd speed relay
J209 Fresh air blower and radiator fan relay

J623 Engine control unit

N39 Radiator fan series resistor

T2df 2-pin connector

T3ae 3-pin connector

T9c 9-pin connector

T9d 9-pin connector

V7 Radiator fan

378 Earth connection 13, in main wiring harness

671 Earth point 1, on front of left longitudinal member

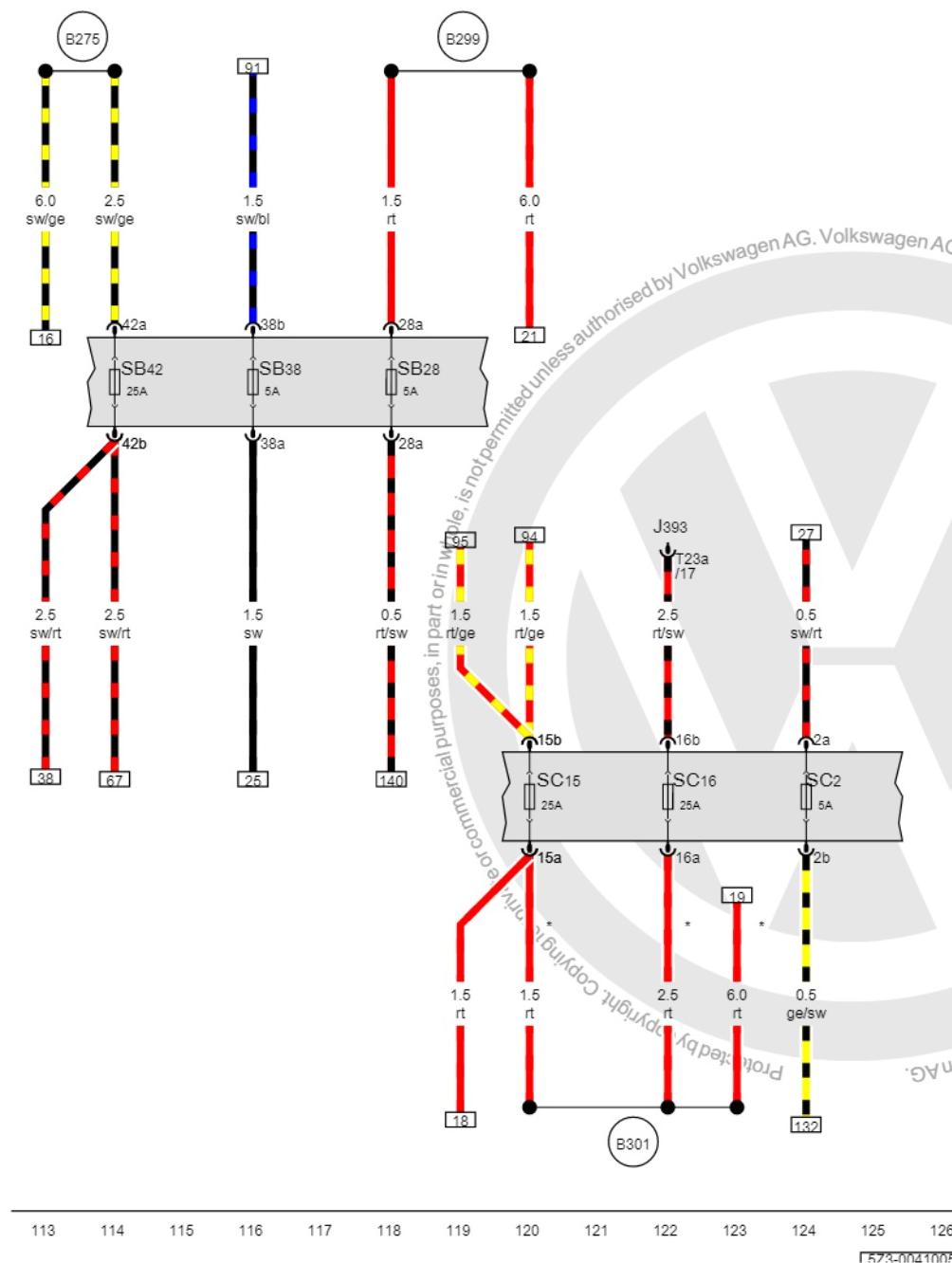
B320 Positive connection 6 (30a) in main wiring harness

B322 Positive connection 8 (30a) in main wiring harness

* Up to October 2010

*2 From October 2010

*3 From February 2011



Fuse 2 on fuse holder C, Fuse 15 on fuse holder C, Fuse 16 on fuse holder C, Fuse 28 on fuse holder B, Fuse 38 on fuse holder B, Fuse 42 on fuse holder B

J393 Convenience system central control unit

SC2 Fuse 2 on fuse holder C

SC15 Fuse 15 on fuse holder C

SC16 Fuse 16 on fuse holder C

SB28 Fuse 28 on fuse holder B

SB38 Fuse 38 on fuse holder B

SB42 Fuse 42 on fuse holder B

T23a 23-pin connector

(B275) Positive connection (87), in main wiring harness

(B299) Positive connection 3 (30), in main wiring harness

(B301) Positive connection 5 (30), in main wiring harness

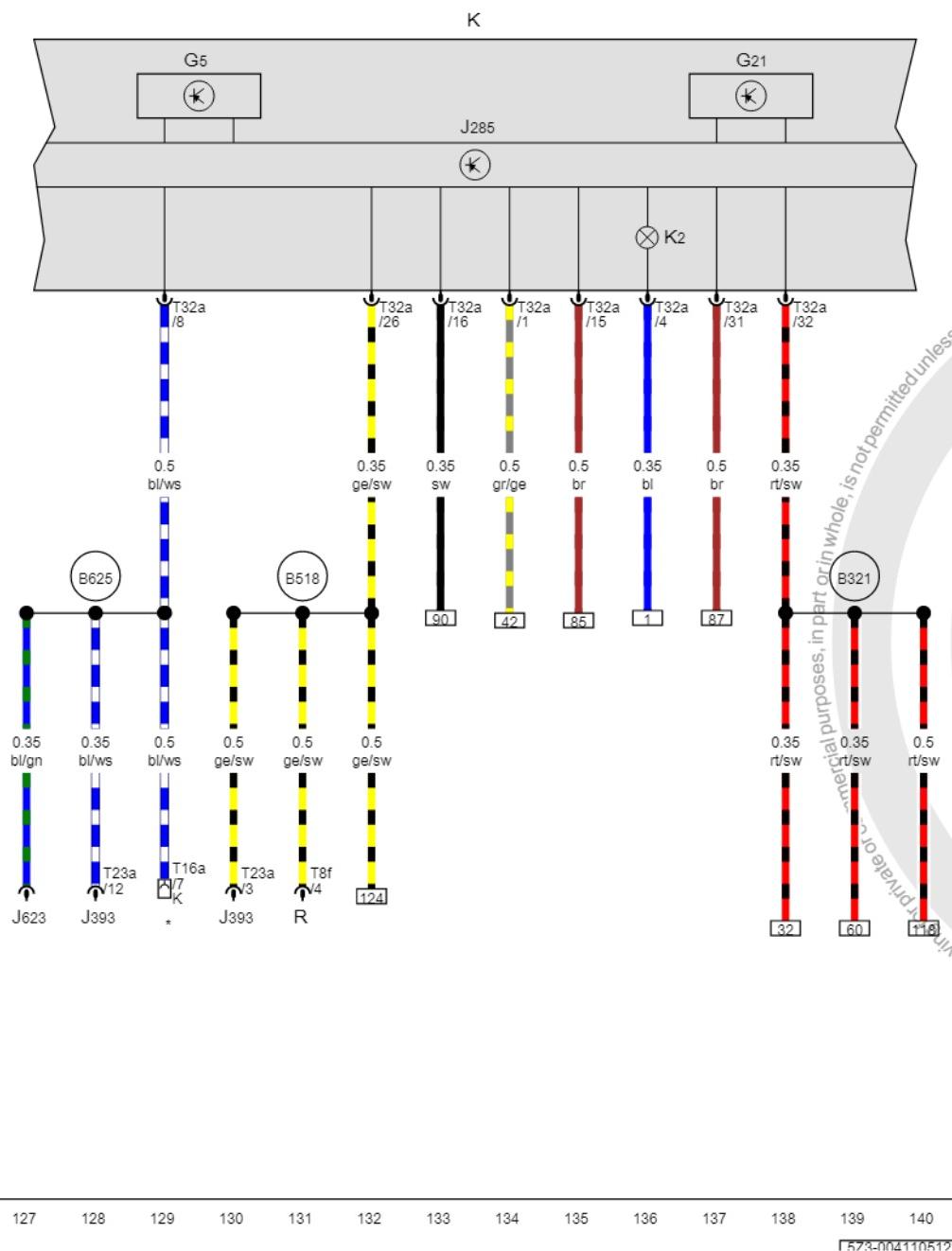
* For models with convenience system

Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp

G5	Rev. counter
G21	Speedometer
J285	Control unit in dash panel insert
J393	Convenience system central control unit
J623	Engine control unit
K	Dash panel insert
K2	Alternator warning lamp
R	Radio
T8f	8-pin connector
T16a	16-pin connector
T23a	23-pin connector
T32a	32-pin connector

- (B321) Positive connection 7 (30a), in main wiring harness
- (B518) Connection (86s), in main wiring harness
- (B625) Connection (K-diagnosis wire), in main wiring harness
- * Diagnostic connection

= white
sw = black
ws = red
ro = brown
br = grey
gn = green
bl = blue
gr = purple
li = yellow
ge = orange
or = pink
rs = pink



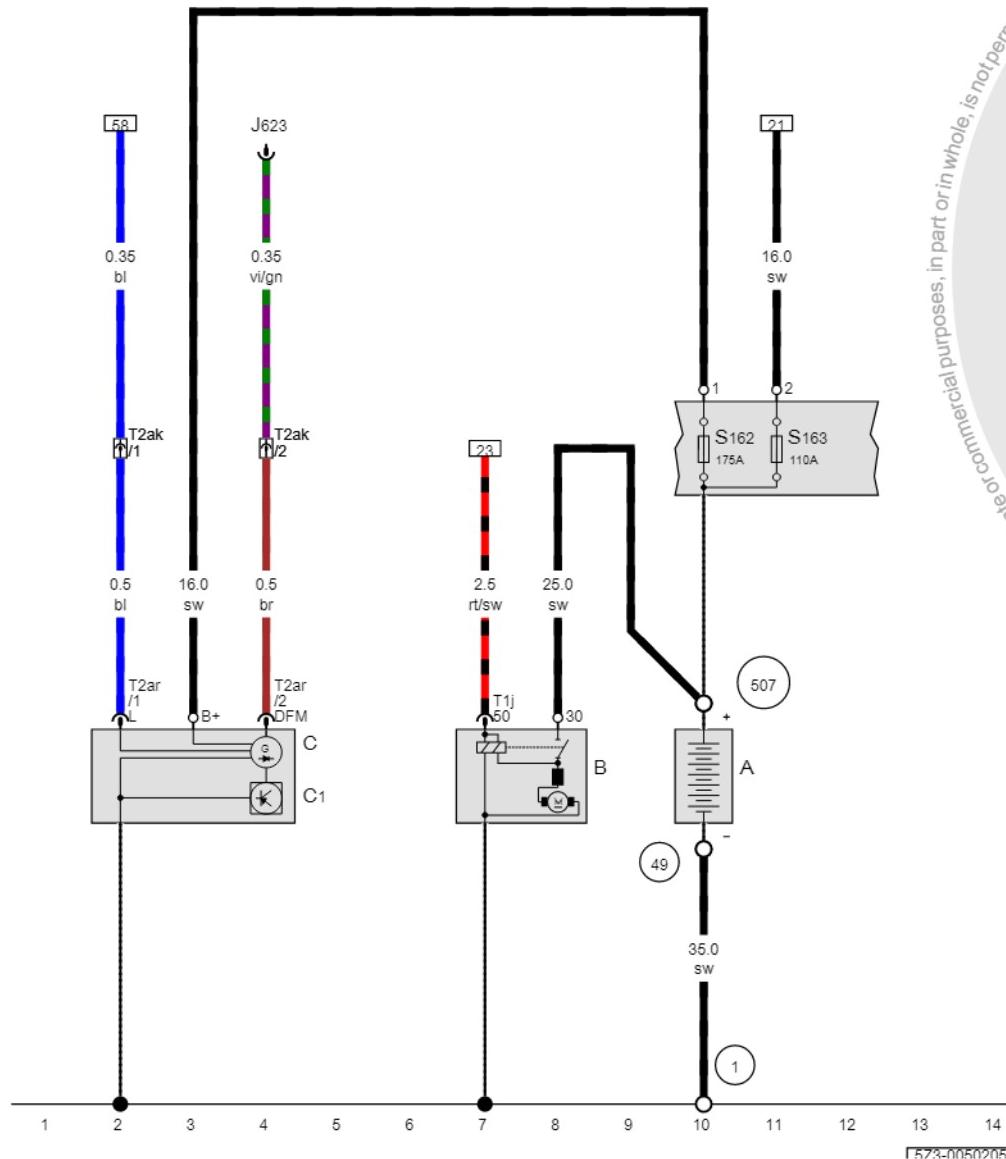
Airbag systems

From August 2009



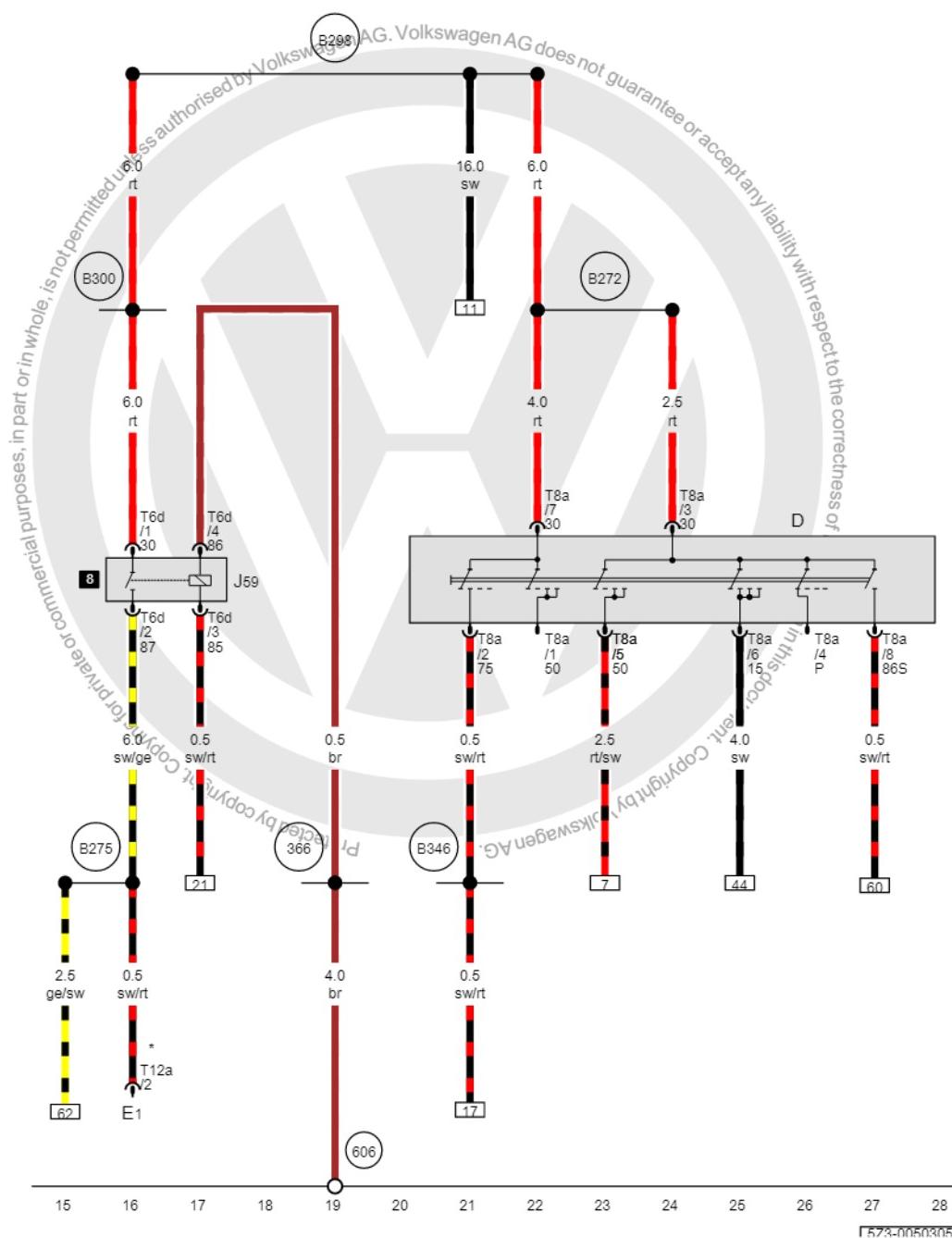
Battery, Starter, Alternator, Voltage regulator

- Volkswagen AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copying for private commercial purposes, in part or in whole, is not permitted unless authorised by Volkswagen AG.
- | | |
|------|--|
| A | Battery |
| B | Starter |
| C | Alternator |
| C1 | Voltage regulator |
| J623 | Engine control unit |
| S162 | Fuse 1 (30), in battery fuse holder |
| S163 | Fuse 2 (30), in battery fuse holder |
| T1j | Single connector |
| T2ak | 2-pin connector, in engine compartment |
| T2ar | 2-pin connector |
| 1 | Earth strap, battery - body |
| 49 | Earth point, near ..., near battery |
| 507 | Threaded connection (30), on battery fuse holder |



ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

1573-0050065121



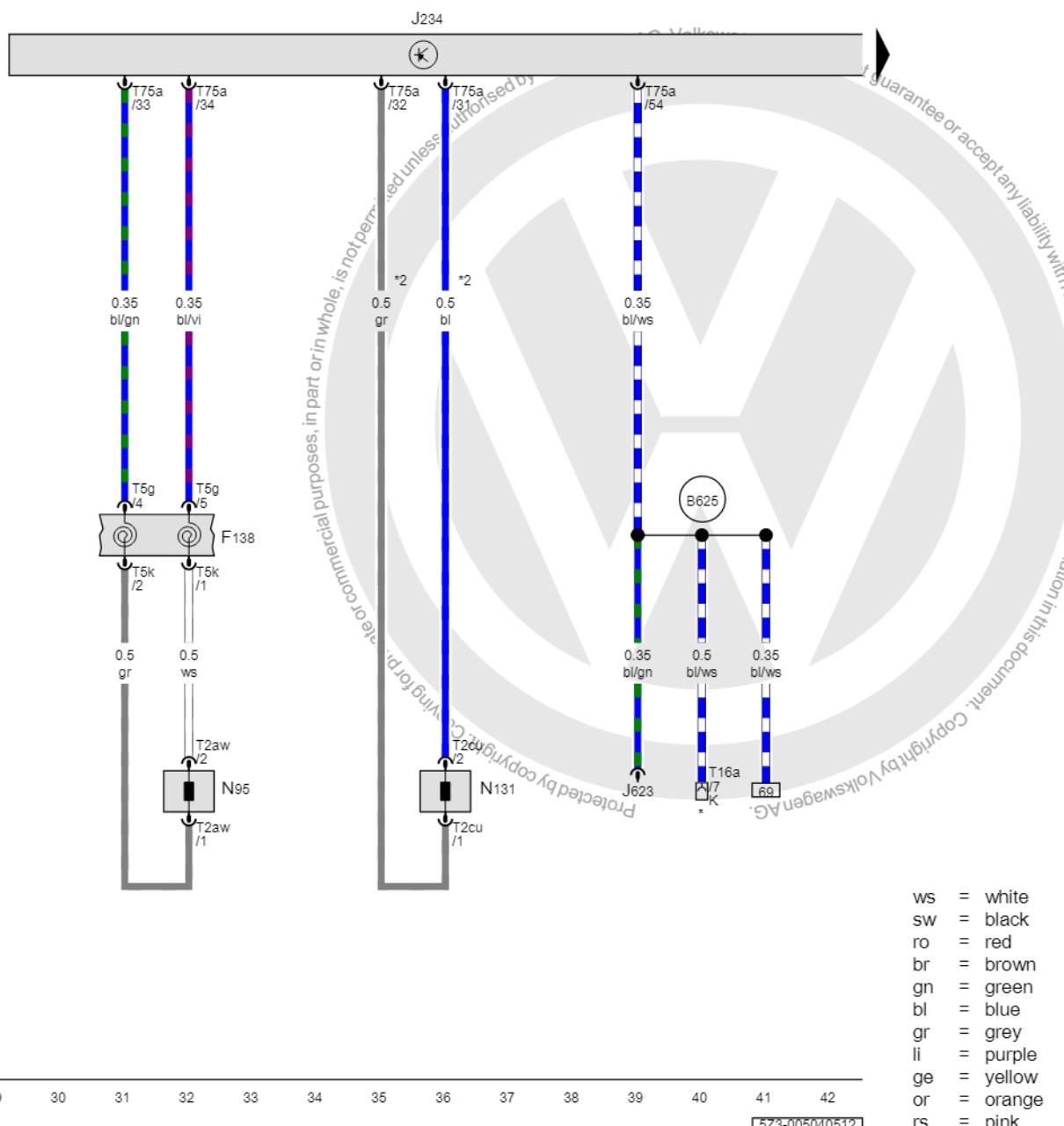
Ignition/starter switch, X-contact relief relay

- | | |
|--------|---|
| D | Ignition/starter switch |
| E1 | Light switch |
| J59 | X-contact relief relay |
| T6d | 6-pin connector |
| T8a | 8-pin connector |
| T12a | 12-pin connector |
| (366) | Earth connection 1, in main wiring harness |
| (606) | Earth point, under the centre console near gear stick |
| (B272) | Positive connection (30), in main wiring harness |
| (B275) | Positive connection (87), in main wiring harness |
| (B298) | Positive connection 2 (30), in main wiring harness |
| (B300) | Positive connection 4 (30), in main wiring harness |
| (B346) | Connection 1 (75), in main wiring harness |

* Up to March 2010

ws	= white
sw	= black
ro	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
ge	= yellow
or	= orange
rs	= pink

Airbag coil connector and return ring with slip ring, Airbag control unit, Driver side airbag igniter, Front passenger side airbag igniter 1



ws	= white
sw	= black
ro	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
ge	= yellow
or	= orange
rs	= pink

- F138 Airbag coil connector and return ring with slip ring
 J234 Airbag control unit
 J623 Engine control unit
 N95 Driver side airbag igniter
 N131 Front passenger side airbag igniter 1
 T2aw 2-pin connector
 T2cu 2-pin connector
 T5g 5-pin connector
 T5k 5-pin connector
 T16a 16-pin connector
 T75a 75-pin connector

B625 Connection (K-diagnosis wire), in main wiring harness

* Diagnostic connection
 *2 Only models with front passenger airbag

Belt tensioner switch 1, Belt tensioner switch 2, Airbag control unit

F158 Belt tensioner switch 1

F159 Belt tensioner switch 2

J234 Airbag control unit

J393 Convenience system central control unit

T2ei 2-pin connector

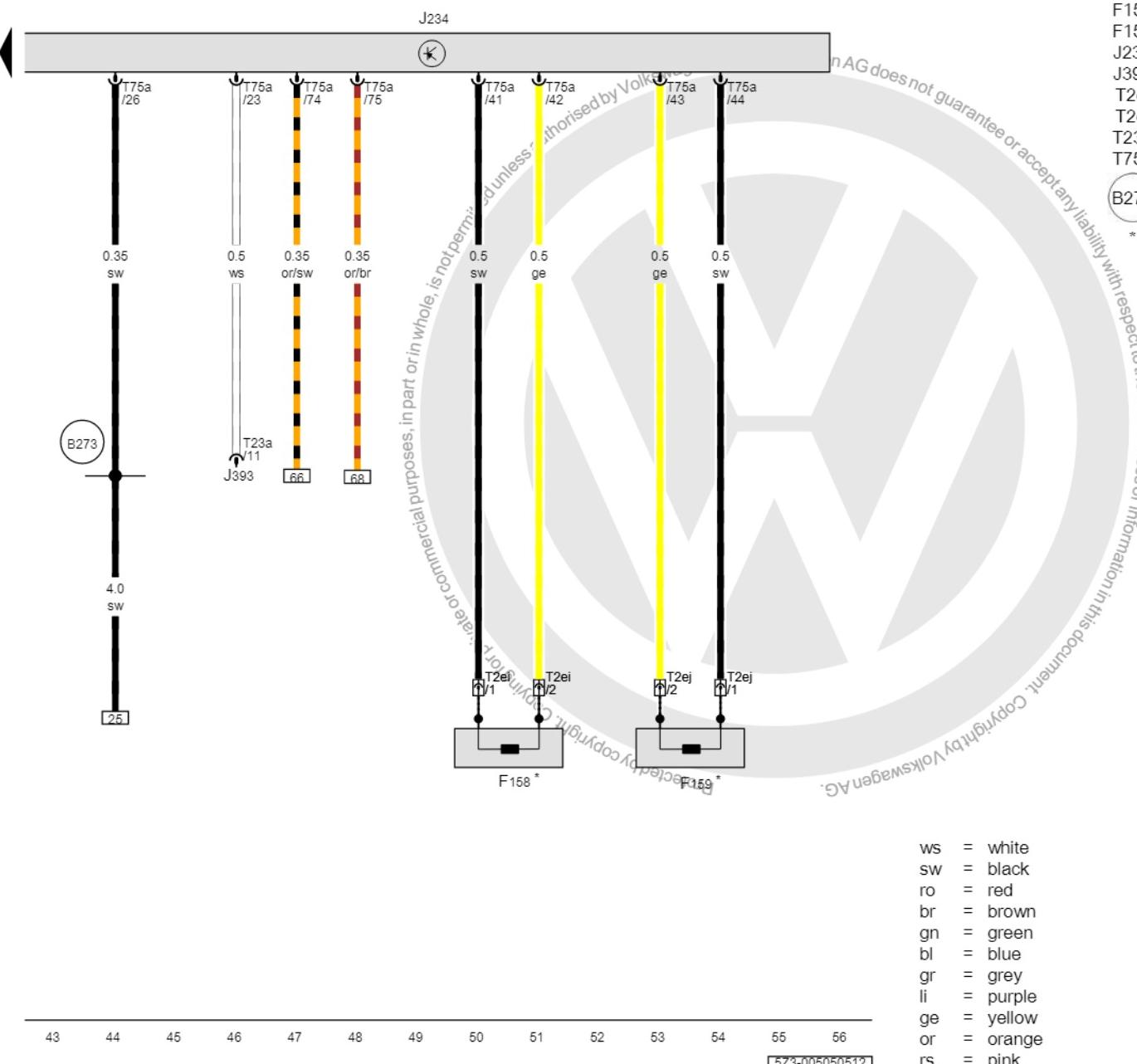
T2ej 2-pin connector

T23a 23-pin connector

T75a 75-pin connector

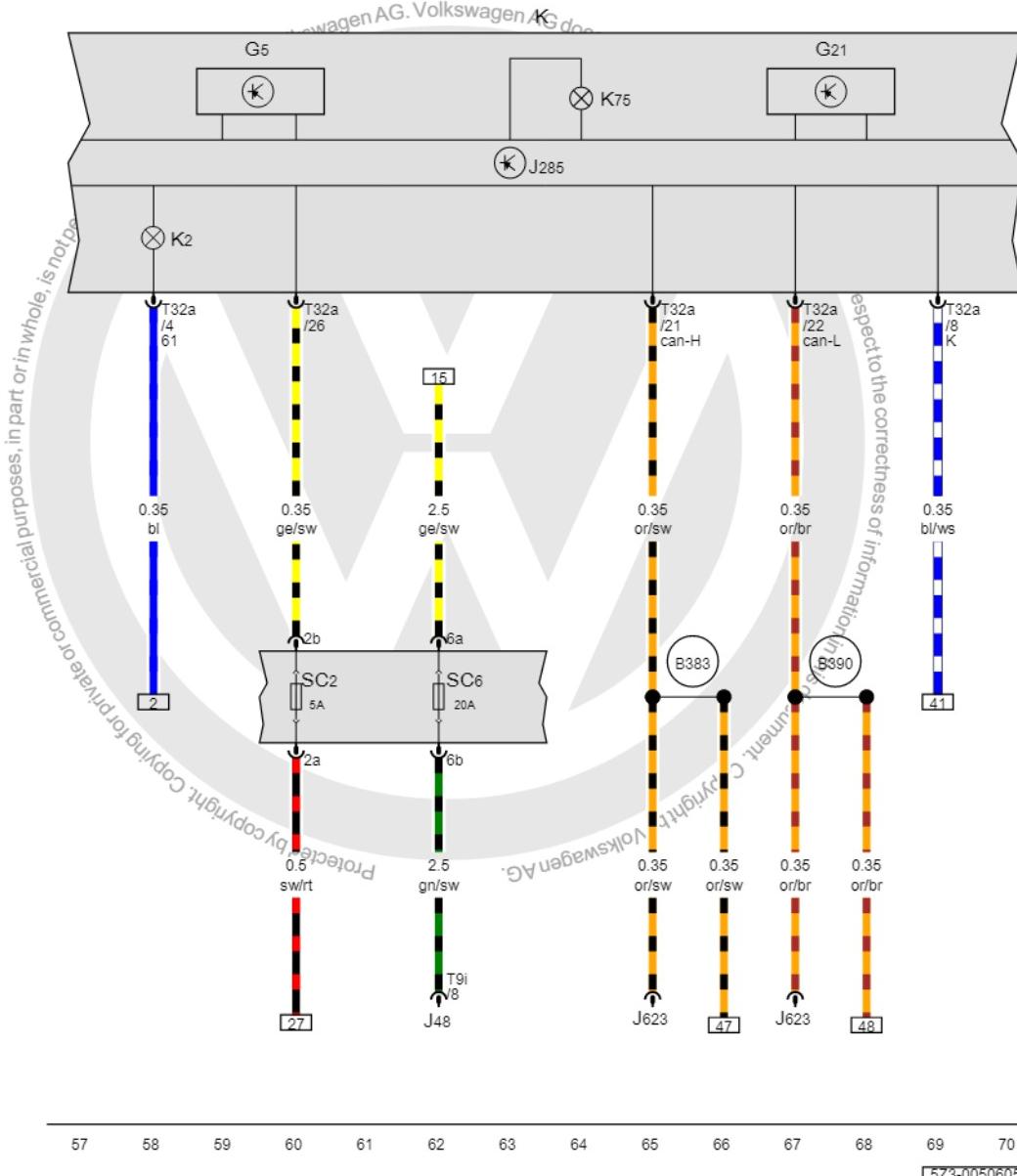
B273 Positive connection (15), in main wiring harness

* From April 2011



ws	= white
sw	= black
ro	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
ge	= yellow
or	= orange
rs	= pink

Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp, Airbag warning lamp



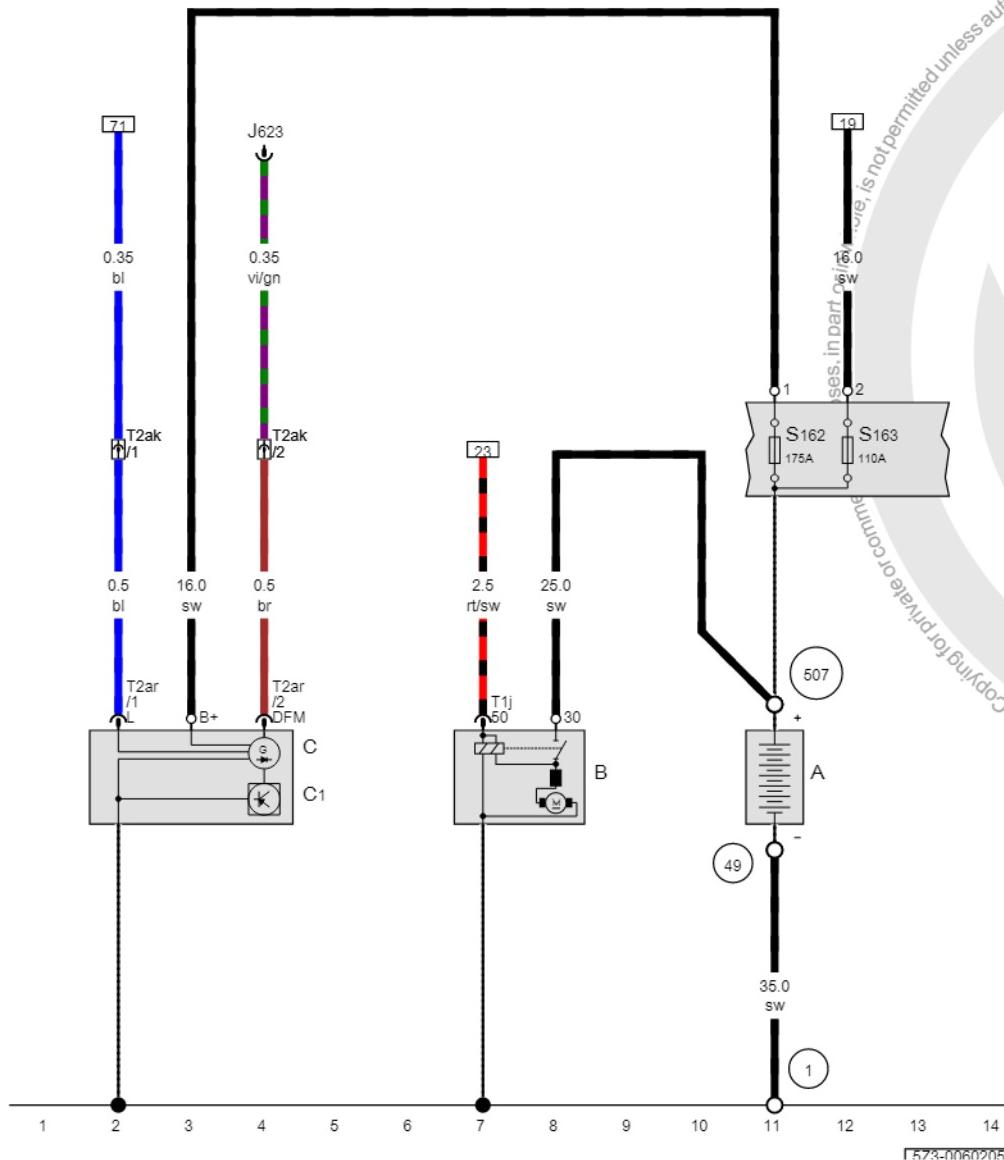
- | | |
|--------|---|
| G5 | Rev. counter |
| G21 | Speedometer |
| J48 | Heated rear window control relay |
| J285 | Control unit in dash panel insert |
| J623 | Engine control unit |
| K | Dash panel insert |
| K2 | Alternator warning lamp |
| K75 | Airbag warning lamp |
| SC2 | Fuse 2 on fuse holder C |
| SC6 | Fuse 6 on fuse holder C |
| T9i | 9-pin connector |
| T32a | 32-pin connector |
| (B383) | Connection 1 (powertrain CAN bus, high), in main wiring harness |
| (B390) | Connection 1 (powertrain CAN bus, low), in main wiring harness |

Interactive system

From August 2009



Battery, Starter, Alternator, Voltage regulator



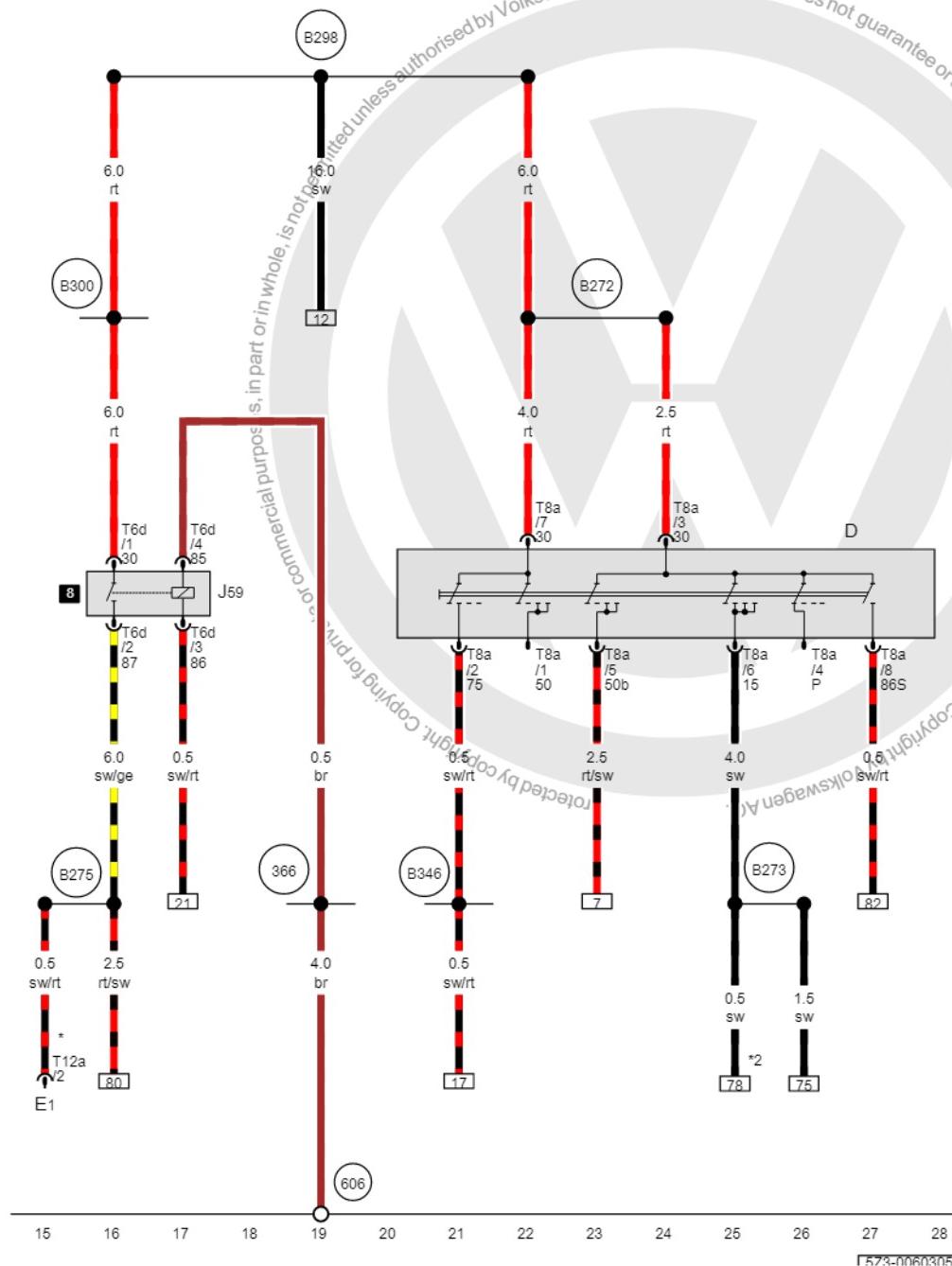
ws	= white
sw	= black
ro	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
ge	= yellow
or	= orange
rs	= pink

- A Battery
 - B Starter
 - C Alternator
 - C1 Voltage regulator
 - J623 Engine control unit
 - S162 Fuse 1 (30), in battery fuse holder
 - S163 Fuse 2 (30), in battery fuse holder
 - T2ak 2-pin connector, in engine compartment
 - T2ar 2-pin connector

1 Earth strap, battery - body

49 Earth point, near ..., near battery

507 Threaded connection (30), on battery fuse holder

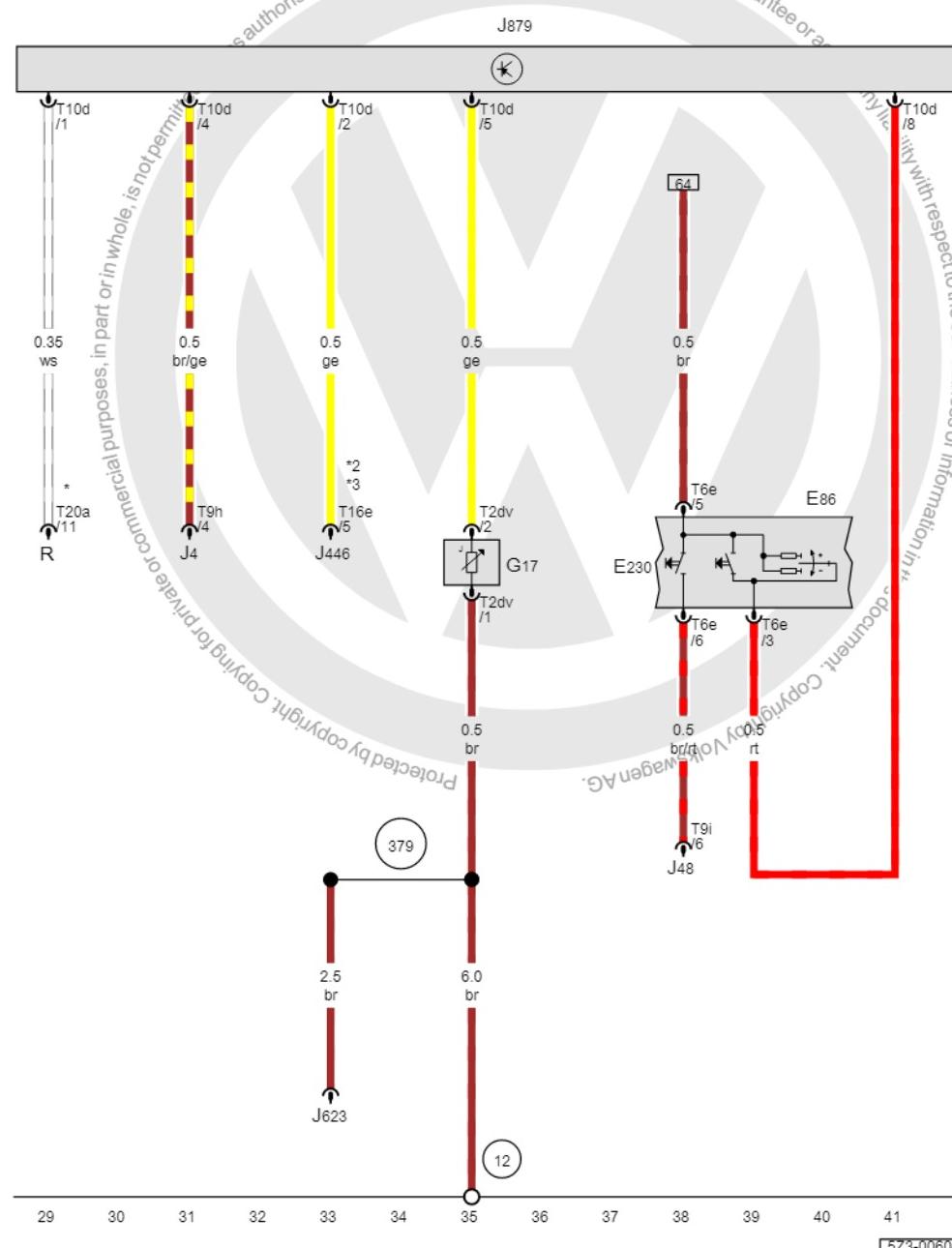
**Ignition/starter switch, X-contact relief relay**

- | | |
|------|---|
| D | Ignition/starter switch |
| E1 | Light switch |
| J59 | X-contact relief relay |
| T6d | 6-pin connector |
| T8a | 8-pin connector |
| T12a | 12-pin connector |
| 366 | Earth connection 1, in main wiring harness |
| 606 | Earth point, under the centre console near gear stick |
| B272 | Positive connection (30), in main wiring harness |
| B273 | Positive connection (15), in main wiring harness |
| B275 | Positive connection (87), in main wiring harness |
| B298 | Positive connection 2 (30), in main wiring harness |
| B300 | Positive connection 4 (30), in main wiring harness |
| B346 | Connection 1 (75), in main wiring harness |

* Up to March 2010

*2 Only models with operating unit for radio

ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink



Multifunction display call-up button, Heated rear window button, Ambient temperature sensor, Control unit for interactive system

- E86 Multifunction display call-up button
- E230 Heated rear window button
- G17 Ambient temperature sensor
- J4 Dual tone horn relay
- J48 Heated rear window control relay
- J446 Parking aid control unit
- J623 Engine control unit
- J879 Control unit for interactive system
- R Radio
- T2dv 2-pin connector
- T6e 6-pin connector
- T9h 9-pin connector
- T9i 9-pin connector
- T10d 10-pin connector
- T16e 16-pin connector
- T20a 20-pin connector

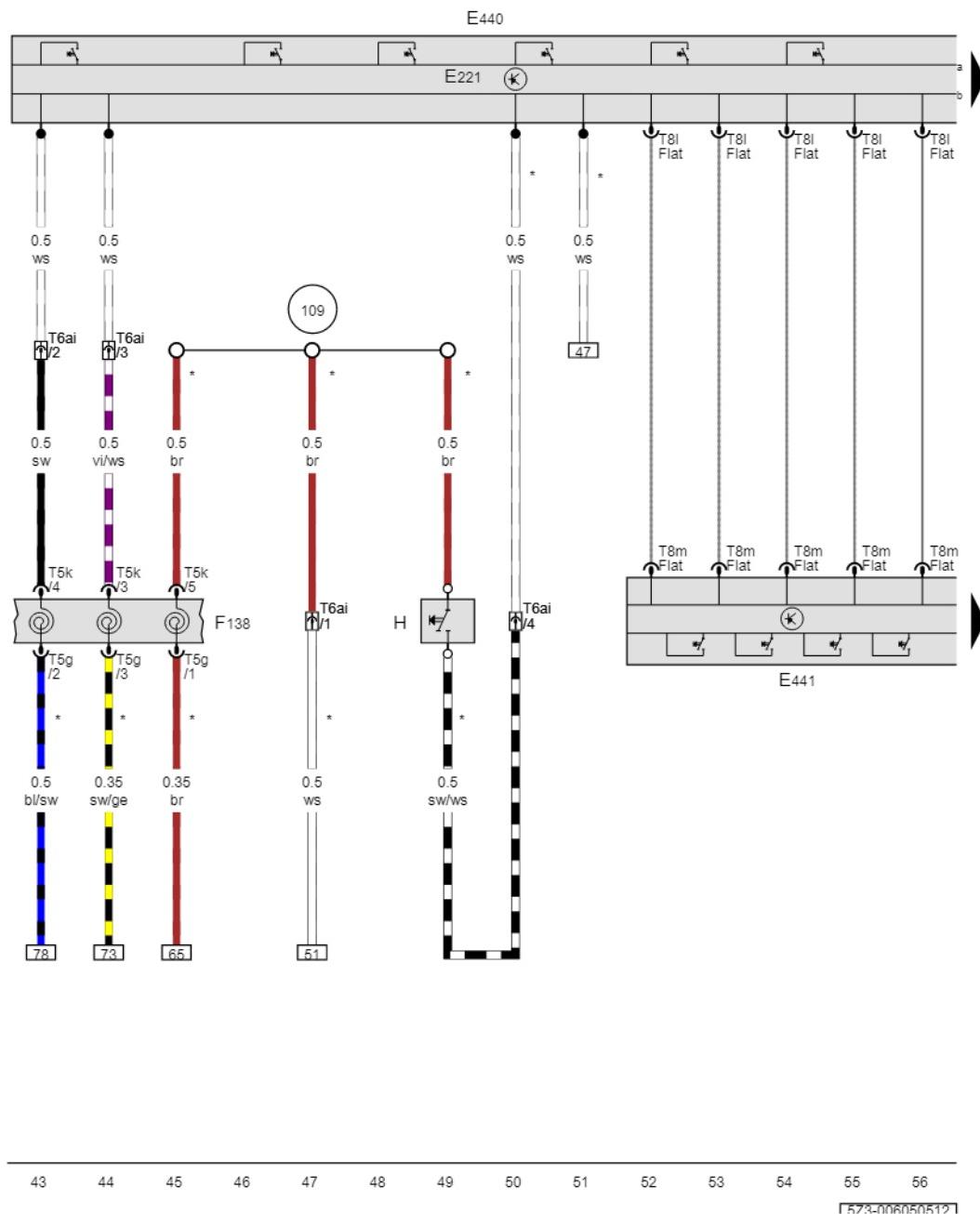
12 Earth point, on left in engine compartment

379 Earth connection 14, in main wiring harness

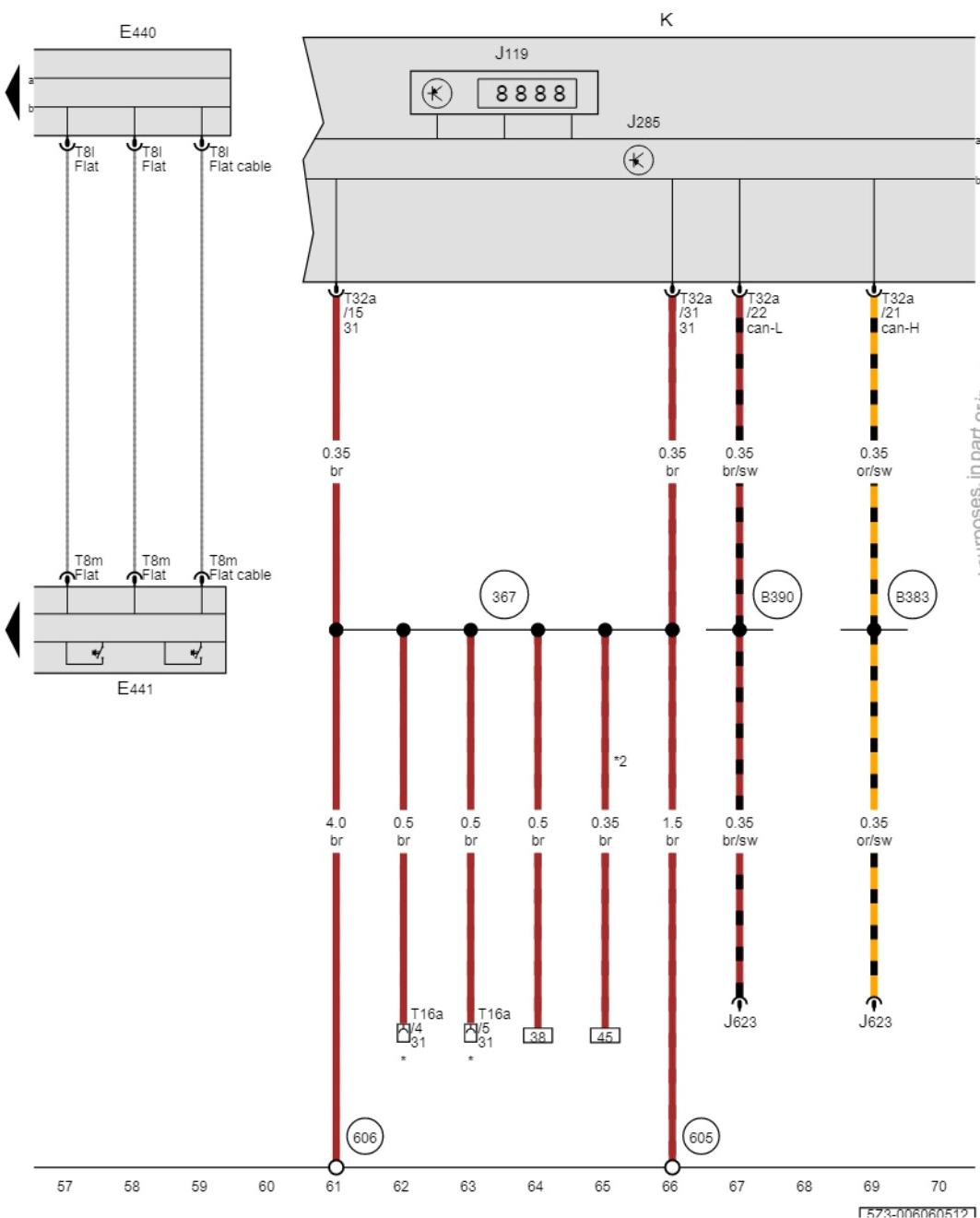
- * Only models with operating unit for radio
- *2 Only models with park assist steering
- *3 From July 2010

Operating unit in steering wheel, Multifunction buttons on left in steering wheel, Multifunction buttons on right in steering wheel, Airbag coil connector and return ring with slip ring, Horn plate

- E221 Operating unit in steering wheel
 E440 Multifunction buttons on left in steering wheel
 E441 Multifunction buttons on right in steering wheel
 F138 Airbag coil connector and return ring with slip ring
 H Horn plate
 T5g 5-pin connector
 T5k 5-pin connector
 T6ai 6-pin connector
 T8l 8-pin connector
 T8m 8-pin connector
 109 Earth connection, in airbag wiring harness
 * Only models with operating unit for radio



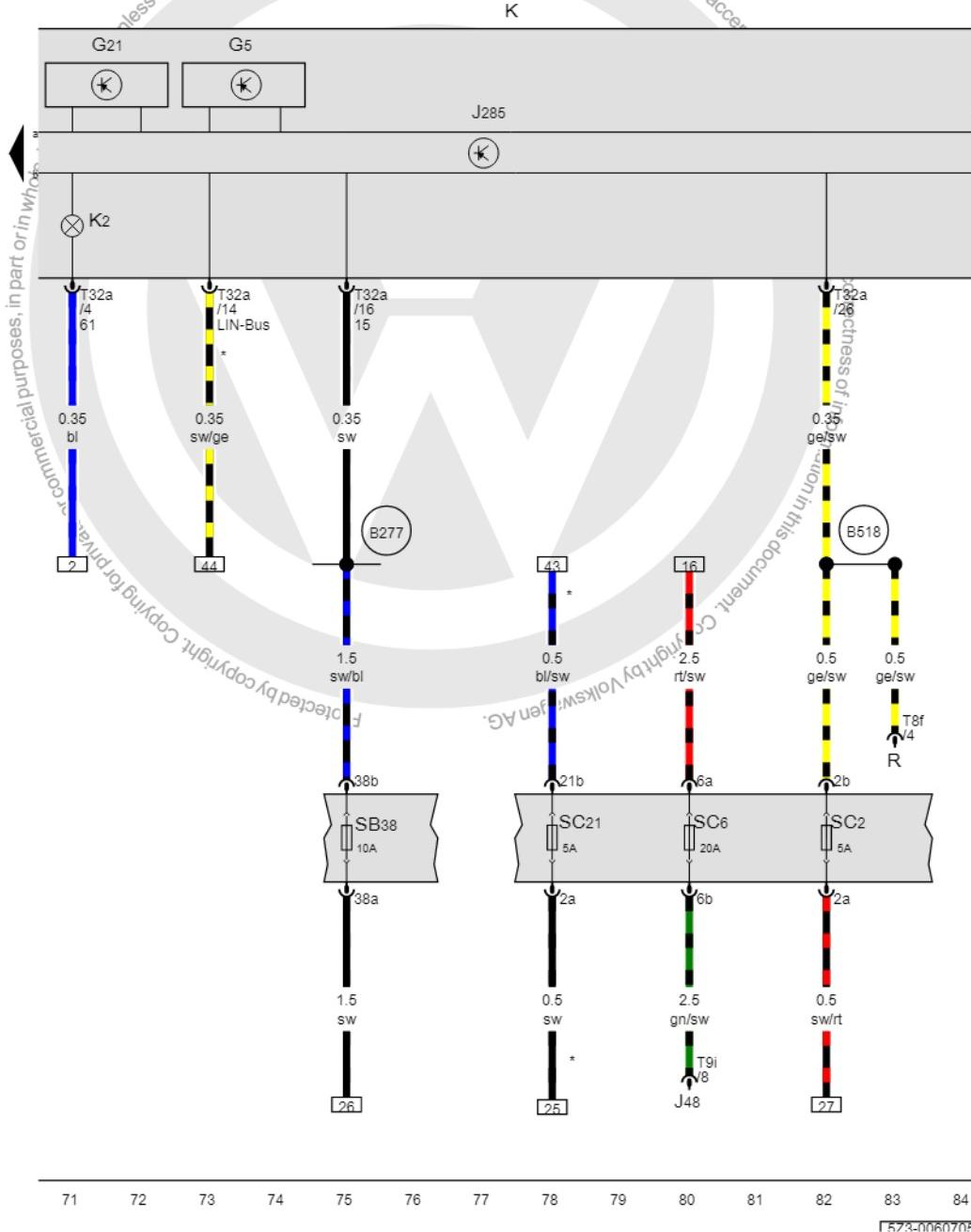
ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink



Multifunction buttons on left in steering wheel, Multifunction buttons on right in steering wheel, Multifunction indicator, Control unit in dash panel insert, Dash panel insert

- E440 Multifunction buttons on left in steering wheel
 E441 Multifunction buttons on right in steering wheel
 J119 Multifunction indicator
 J285 Control unit in dash panel insert
 J623 Engine control unit
 K Dash panel insert
 T8l 8-pin connector
 T8m 8-pin connector
 T16a 16-pin connector
 T32a 32-pin connector
 367 Earth connection 2, in main wiring harness
 605 Earth point, on top end of steering column
 606 Earth point, under the centre console near gear stick
 B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
 B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
 * Diagnostic connection
 *2 Only models with operating unit for radio

ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink



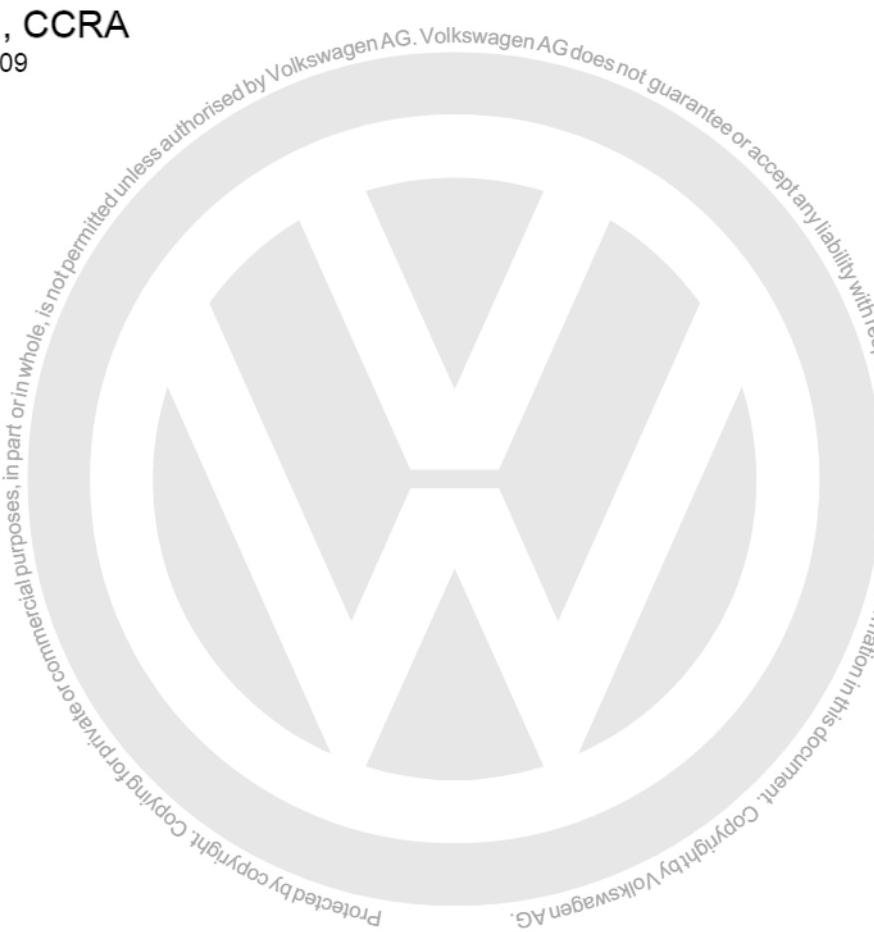
Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp

- | | |
|------|--|
| G5 | Rev. counter |
| G21 | Speedometer |
| J48 | Heated rear window control relay |
| J285 | Control unit in dash panel insert |
| K | Dash panel insert |
| K2 | Alternator warning lamp |
| R | Radio |
| SC2 | Fuse 2 on fuse holder C |
| SC6 | Fuse 6 on fuse holder C |
| SC21 | Fuse 21 on fuse holder C |
| SB38 | Fuse 38 on fuse holder B |
| T8f | 8-pin connector |
| T9i | 9-pin connector |
| T32a | 32-pin connector |
| B277 | Positive connection 1 (15a) in main wiring harness |
| B518 | Connection (86s), in main wiring harness |
- * Only models with operating unit for radio

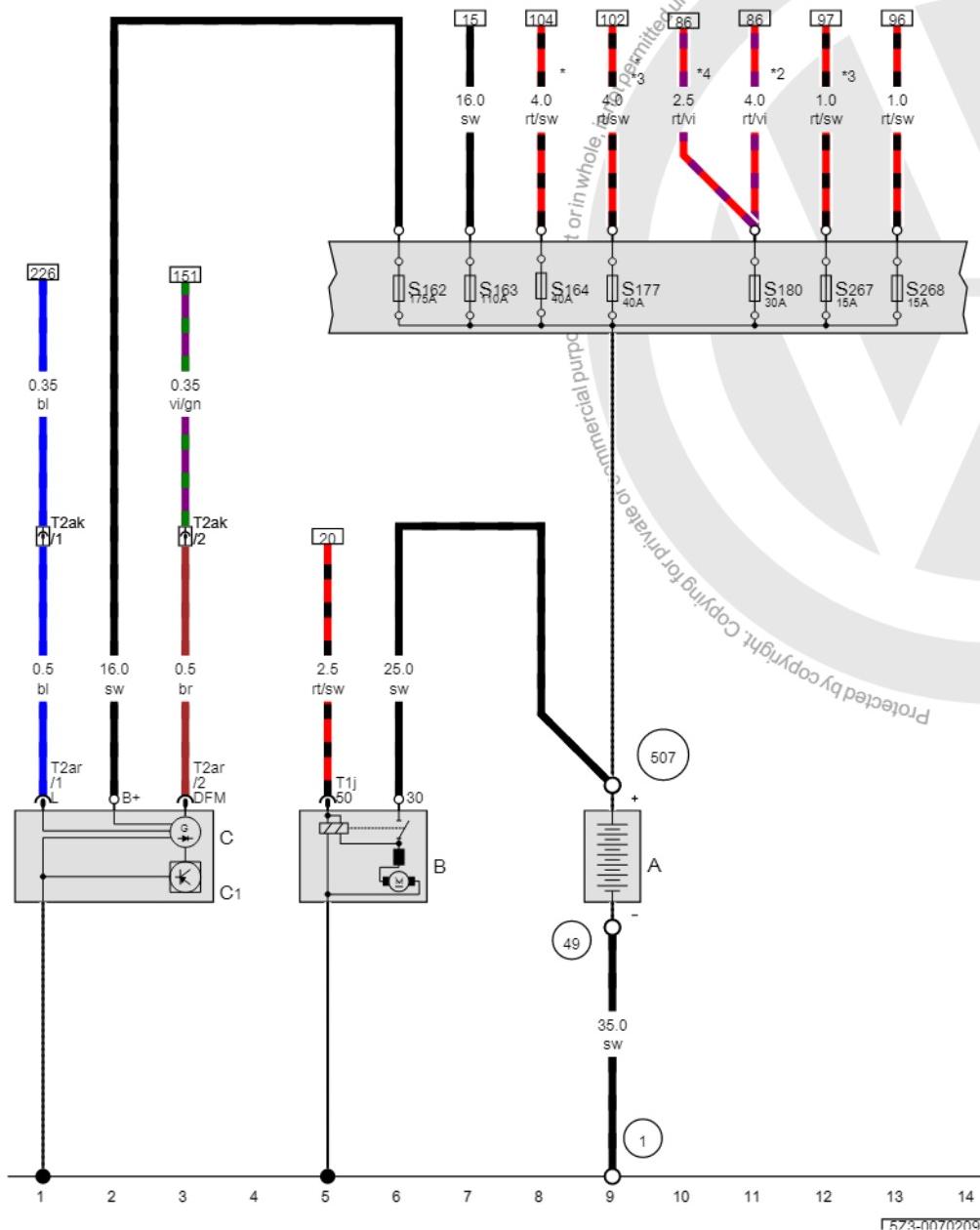
ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

1.6l engine , CCRA

From August 2009



Battery, Starter, Alternator, Voltage regulator

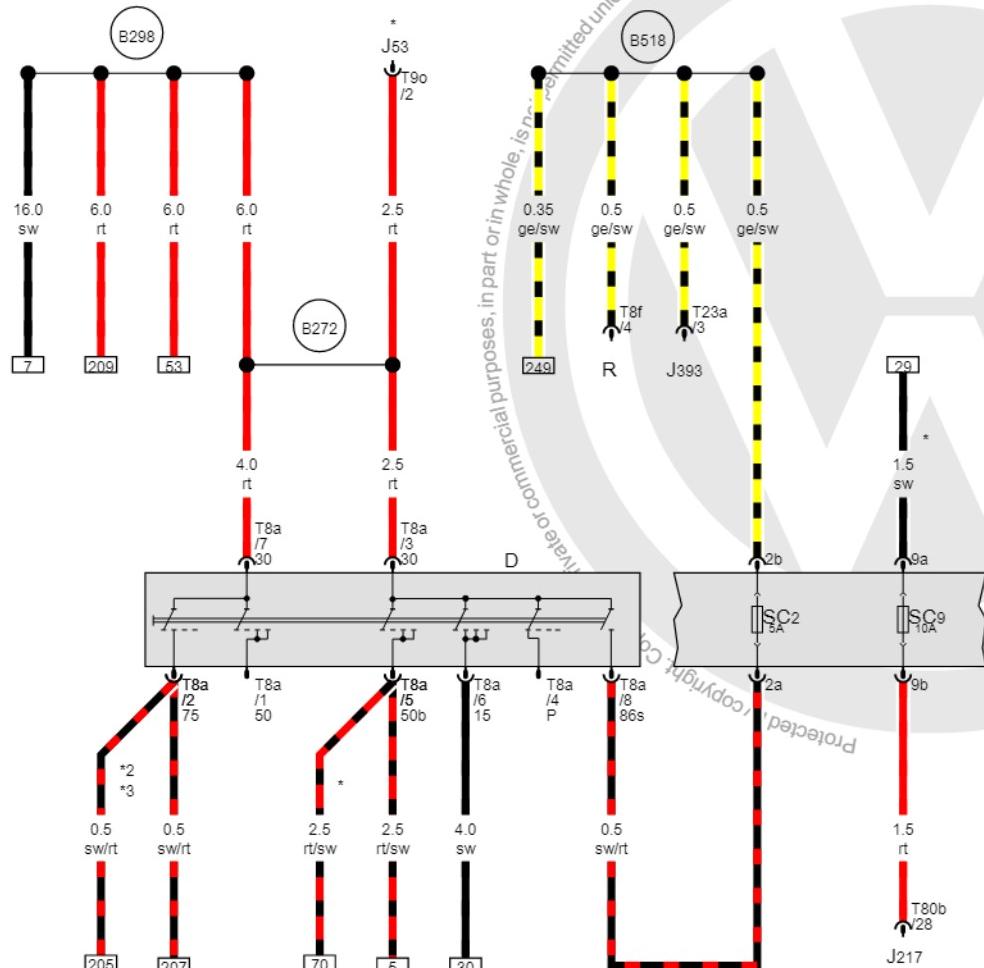


- A Battery
B Starter
C Alternator
C1 Voltage regulator
S162 Fuse 1 (30), in battery fuse holder
S163 Fuse 2 (30), in battery fuse holder
S164 Fuse 3 (30), in battery fuse holder
S177 Fuse 5 (30), in battery fuse holder
S180 Fuse 8 (30), in battery fuse holder
S267 Fuse 9 (30), in battery fuse holder
S268 Fuse 10 (30), in battery fuse holder
T2ak 2-pin connector, in engine compartment
T2ar 2-pin connector
- 1 Earth strap, battery - body
49 Earth point, near ..., near battery
507 Threaded connection (30), on battery fuse holder

* For models with air conditioning system
*2 Up to October 2010
*3 For models with automated manual gearbox
*4 From October 2010

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

1573-0070260171

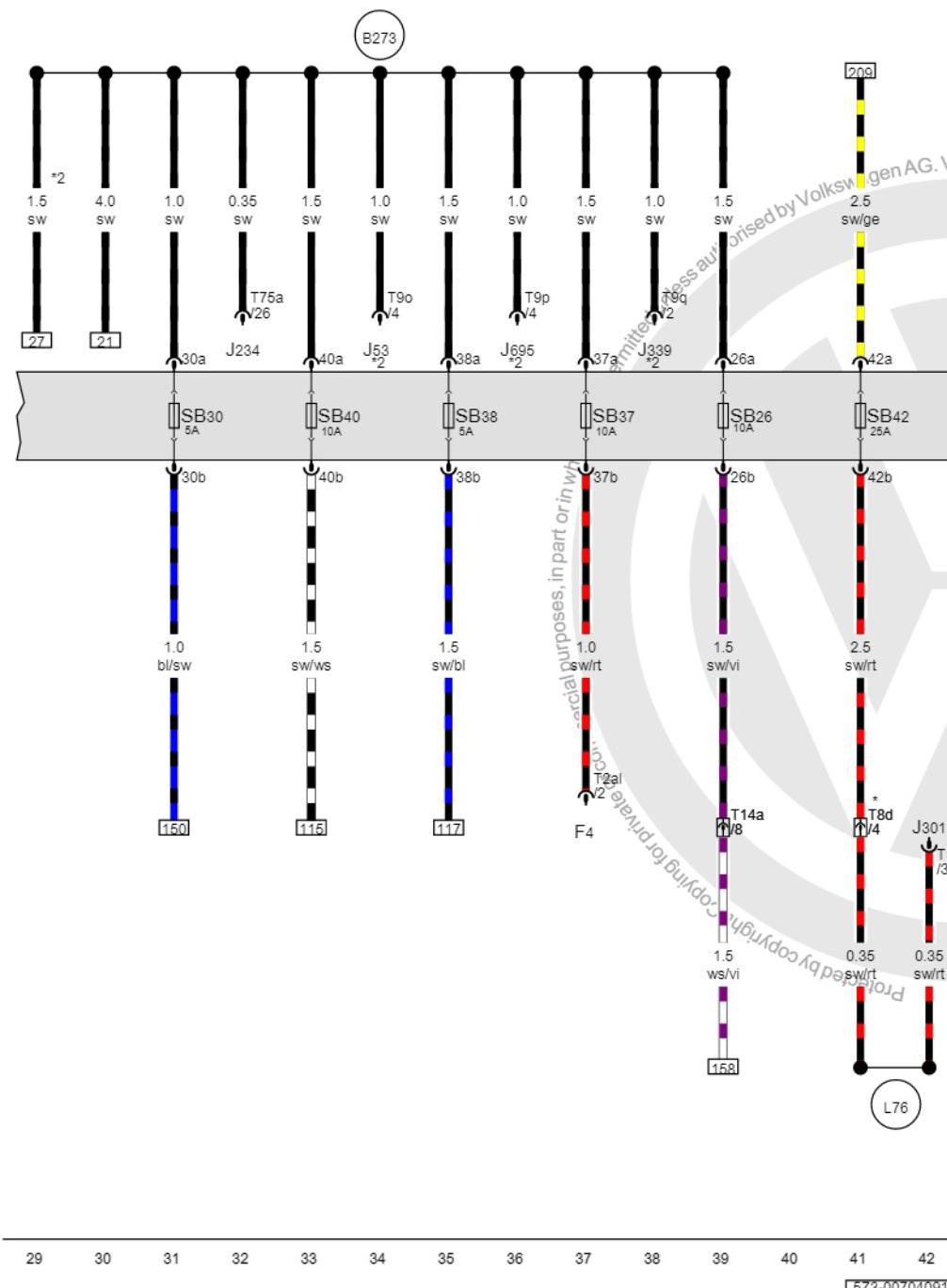


Ignition/starter switch

- | | |
|--------|--|
| D | Ignition/starter switch |
| J53 | Starter motor relay |
| J217 | Automatic gearbox control unit |
| J393 | Convenience system central control unit |
| R | Radio |
| SC2 | Fuse 2 on fuse holder C |
| SC9 | Fuse 9 on fuse holder C |
| T8a | 8-pin connector |
| T8f | 8-pin connector |
| T90 | 9-pin connector |
| T23a | 23-pin connector |
| T80b | 80-pin connector |
| (B272) | Positive connection (30), in main wiring harness |
| (B298) | Positive connection 2 (30), in main wiring harness |
| (B518) | Connection (86s), in main wiring harness |
- * For models with automated manual gearbox
Up to July 2010
** For models with rain and light sensor

15 16 17 18 19 20 21 22 23 24 25 26 27 28

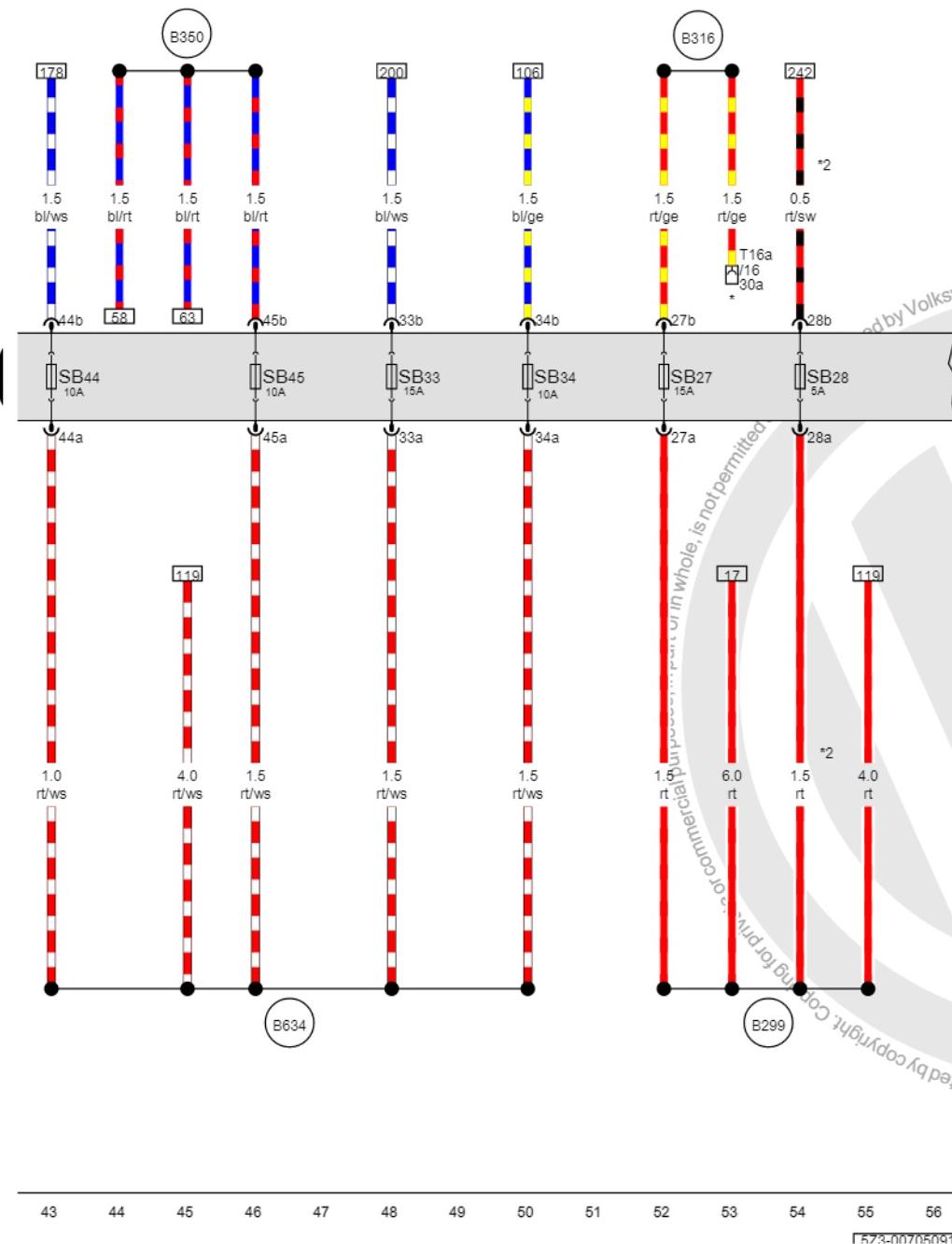
L573-007030177



Fuse 26 on fuse holder B, Fuse 30 on fuse holder B, Fuse 37 on fuse holder B, Fuse 38 on fuse holder B, Fuse 40 on fuse holder B, Fuse 42 on fuse holder B

- F4 Reversing light switch
- J53 Starter motor relay
- J234 Airbag control unit
- J301 Air conditioning system control unit
- J339 X contact relief relay 2
- J695 Starter motor relay 2
- SB26 Fuse 26 on fuse holder B
- SB30 Fuse 30 on fuse holder B
- SB37 Fuse 37 on fuse holder B
- SB38 Fuse 38 on fuse holder B
- SB40 Fuse 40 on fuse holder B
- SB42 Fuse 42 on fuse holder B
- T2al 2-pin connector
- T8d 8-pin connector, behind dash panel, centre
- T9o 9-pin connector
- T9p 9-pin connector
- T9q 9-pin connector
- T10f 10-pin connector
- T14a 14-pin connector, on left in engine compartment
- T75a 75-pin connector
- B273 Positive connection (15), in main wiring harness
- L76 Connection (87), in air conditioning system wiring harness
- * For models with air conditioning system
- *2 For models with automated manual gearbox

white = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



Fuse 27 on fuse holder B, Fuse 28 on fuse holder B, Fuse 33 on fuse holder B, Fuse 34 on fuse holder B, Fuse 44 on fuse holder B, Fuse 45 on fuse holder B

SB27 Fuse 27 on fuse holder B
 SB28 Fuse 28 on fuse holder B
 SB33 Fuse 33 on fuse holder B
 SB34 Fuse 34 on fuse holder B
 SB44 Fuse 44 on fuse holder B
 SB45 Fuse 45 on fuse holder B
 T16a 16-pin connector

B299 Positive connection 3 (30), in main wiring harness

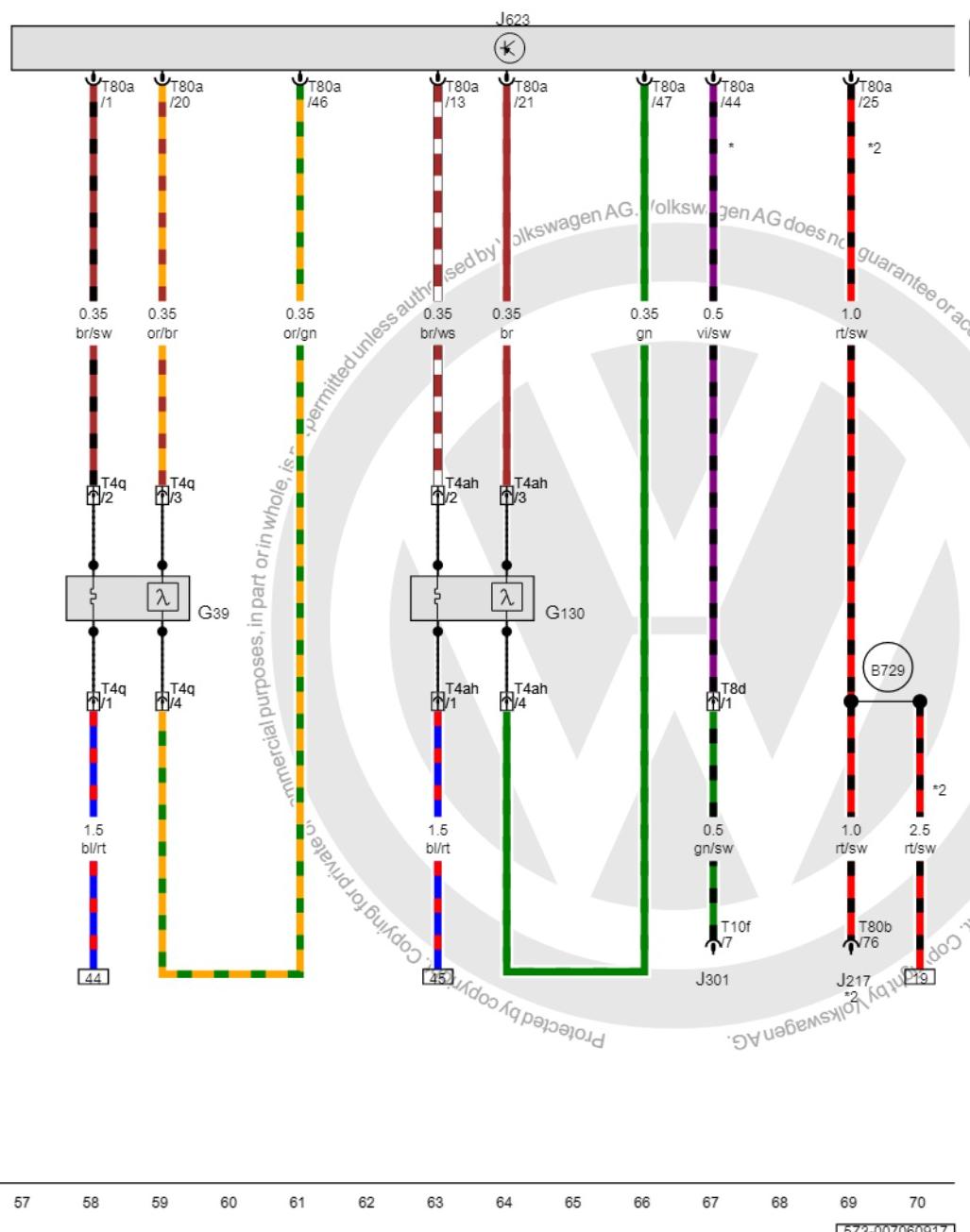
B316 Positive connection 2 (30a) in main wiring harness

B350 Positive connection 1 (87a) in main wiring harness

B634 Positive connection 2 (87), in main wiring harness

* Diagnostic connection
 *2 For models with air conditioning system

Lambda probe, Lambda probe after catalytic converter,
Engine/motor control unit



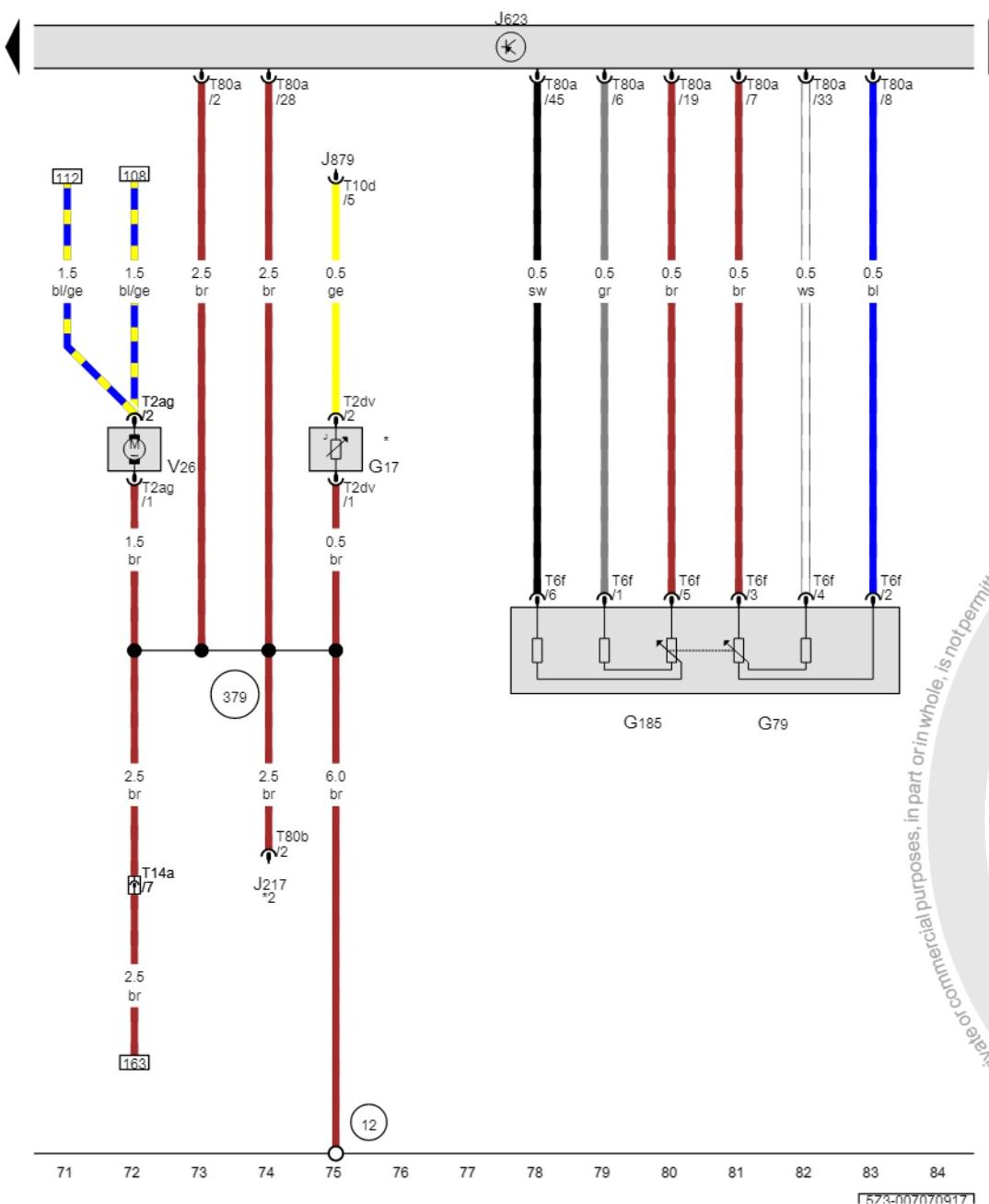
- G39 Lambda probe
- G130 Lambda probe after catalytic converter
- J217 Automatic gearbox control unit
- J301 Air conditioning system control unit
- J623 Engine/motor control unit
- T4ah 4-pin connector
- T4q 4-pin connector
- T8d 8-pin connector, behind dash panel, centre
- T10f 10-pin connector
- T80a 80-pin connector
- T80b 80-pin connector

B729 Connection 1 (50), in main wiring harness

* For models with air conditioning system

*2 For models with automated manual gearbox

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Ambient temperature sensor, Accelerator position sender,
Accelerator position sender 2, Engine/motor control unit,
Fuel pump for cold start

- G17 Ambient temperature sensor
 G79 Accelerator position sender
 G185 Accelerator position sender 2
 J217 Automatic gearbox control unit
 J623 Engine/motor control unit
 J879 Control unit for interactive system
 T2ag 2-pin connector
 T2dv 2-pin connector
 T6f 6-pin connector
 T10d 10-pin connector
 T14a 14-pin connector, on left in engine compartment
 T80a 80-pin connector
 T80b 80-pin connector
 V263 Fuel pump for cold start

12) Earth point, on left in engine compartment

379 Earth connection 14, in main wiring harness

- * For models with interactive system
- *2 For models with automated manual gearbox

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
pi	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

Fresh air blower and radiator fan relay, Engine/motor control unit

J209 Fresh air blower and radiator fan relay

J623 Engine/motor control unit

T9c 9-pin connector

T80a 80-pin connector

B315 Positive connection 1 (30a) in main wiring harness

B320 Positive connection 6 (30a) in main wiring harness

*¹ Up to October 2010

*² Up to July 2010

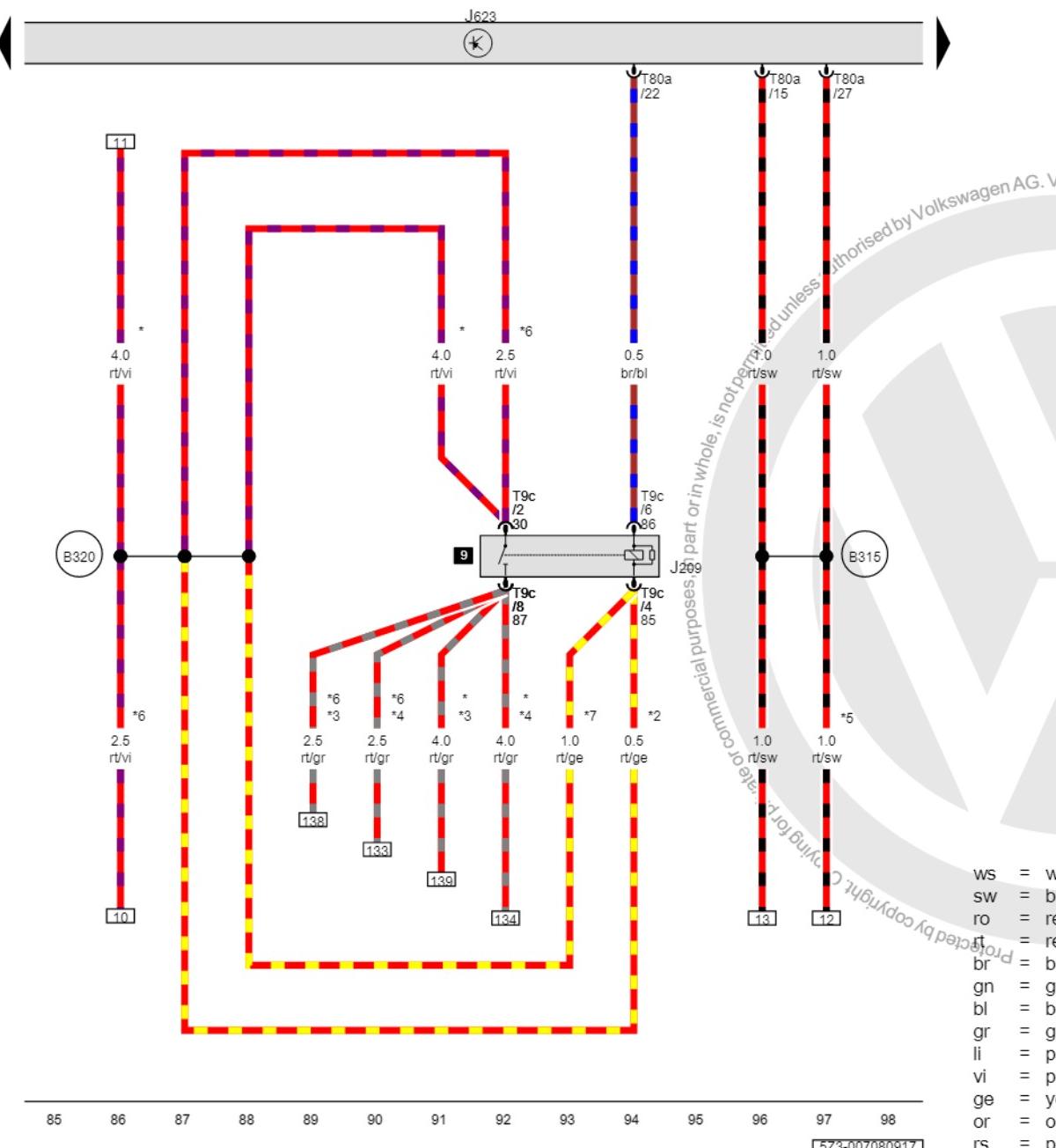
*³ For models with air conditioning system

*⁴ For models with no air conditioning system

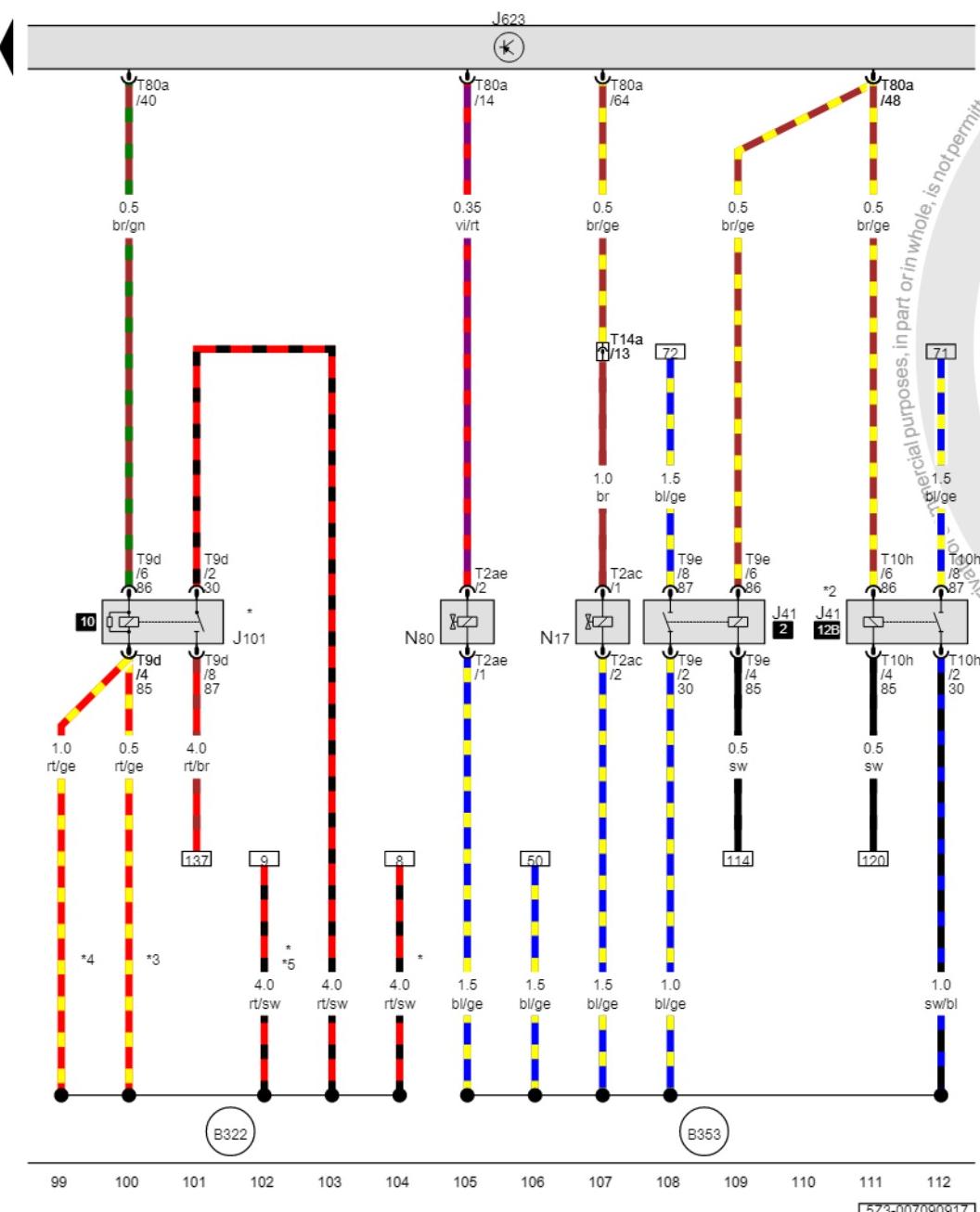
*⁵ For models with automated manual gearbox

*⁶ From October 2010

*⁷ From July 2010



ws = white
sw = black
ro = red
re = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

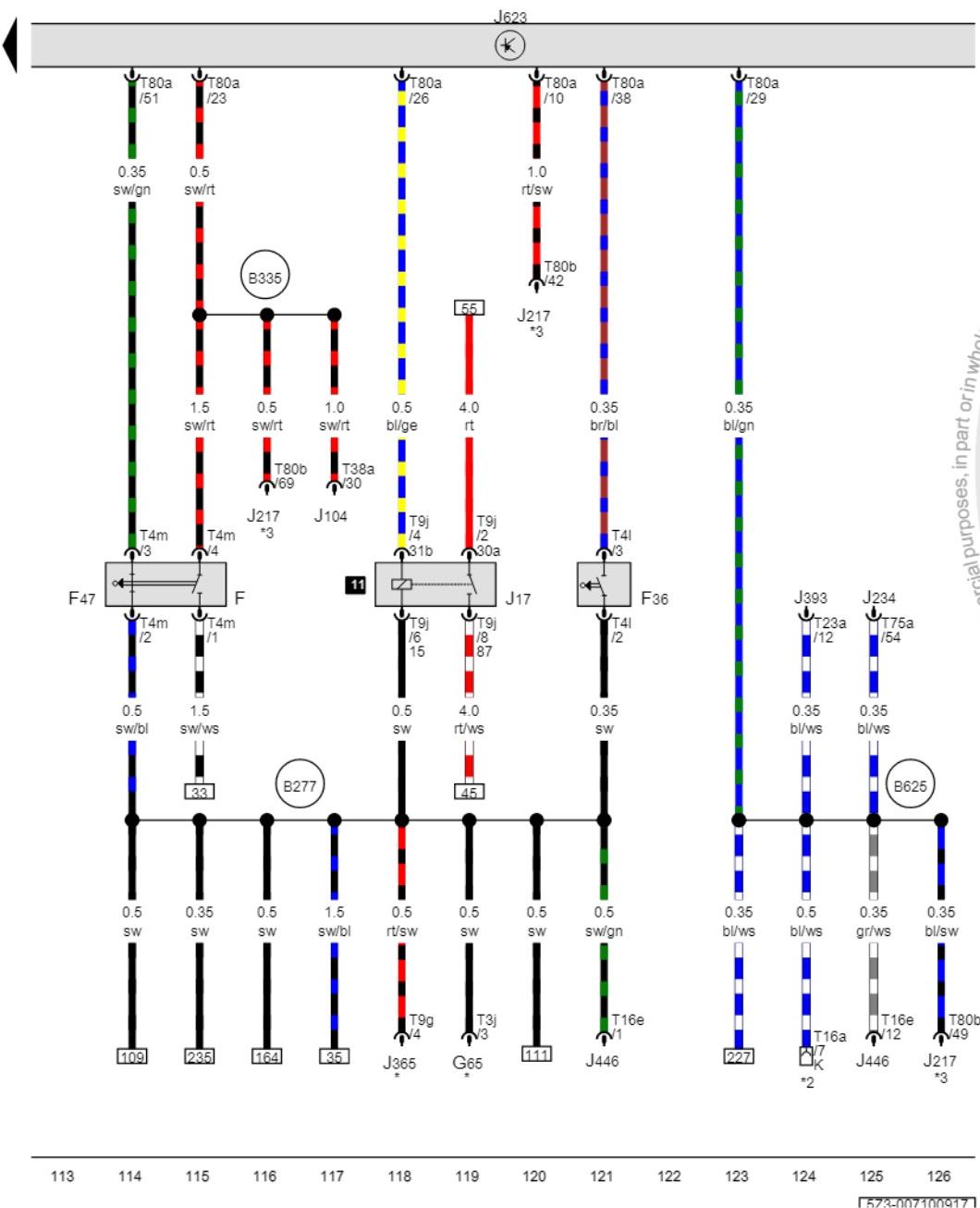


Cold start device relay, Radiator fan 2nd speed relay,
Engine/motor control unit, Cold start valve, Activated
charcoal filter solenoid valve 1

- J41 Cold start device relay
- J101 Radiator fan 2nd speed relay
- J623 Engine/motor control unit
- N17 Cold start valve
- N80 Activated charcoal filter solenoid valve 1
- T2ac 2-pin connector
- T2ae 2-pin connector
- T9d 9-pin connector
- T9e 9-pin connector
- T10h 10-pin connector
- T14a 14-pin connector, on left in engine compartment
- T80a 80-pin connector
- (B322) Positive connection 8 (30a) in main wiring harness
- (B353) Positive connection 4 (87a) in main wiring harness
- * For models with air conditioning system
- *2 From October 2011
- *3 Up to October 2010
- *4 From October 2010
- *5 For models with automated manual gearbox

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

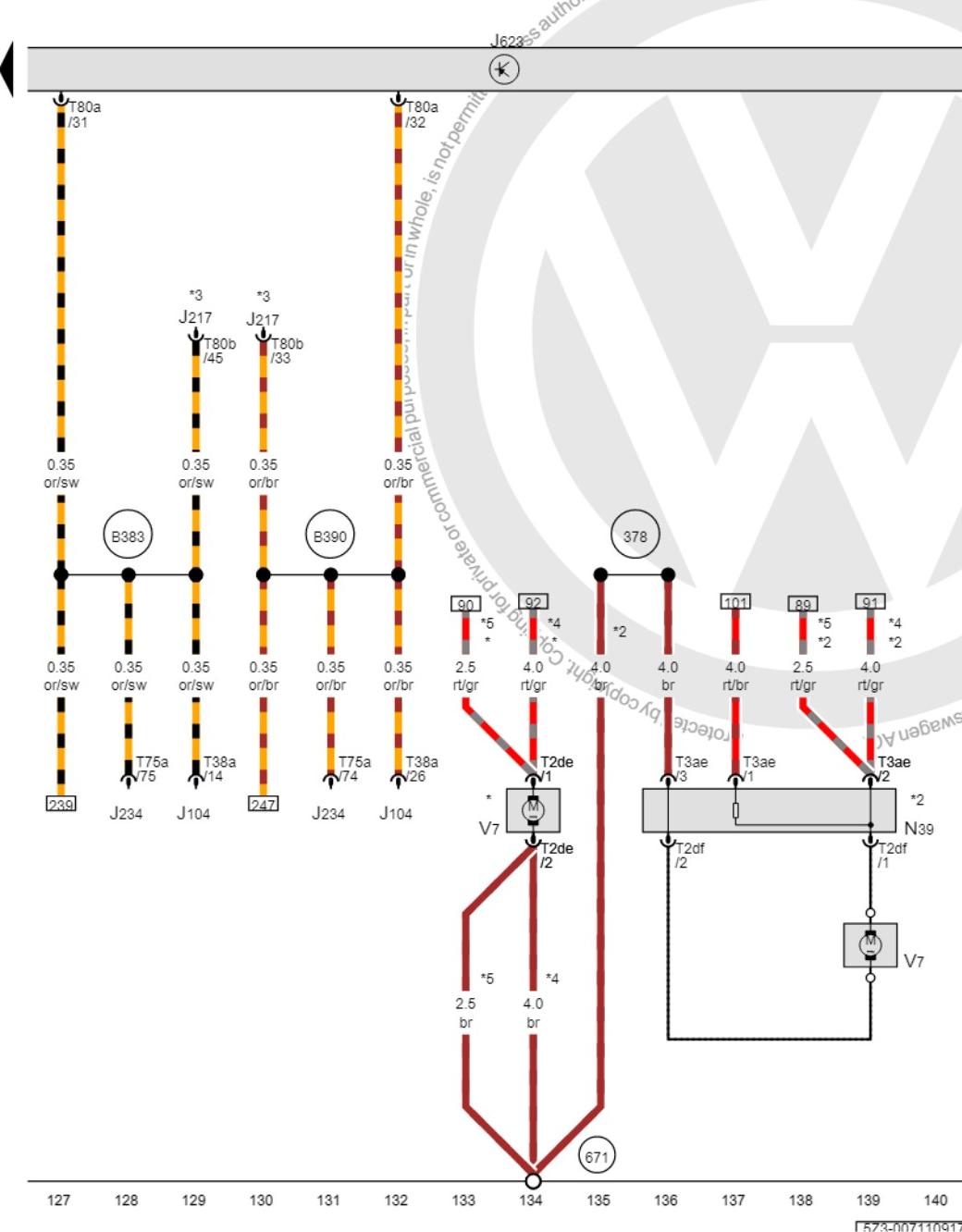
Brake light switch, Clutch pedal switch, Brake pedal switch,
Fuel pump relay, Engine/motor control unit



- | | |
|----------------|--|
| F | Brake light switch |
| F36 | Clutch/pedal switch |
| F47 | Brake pedal switch |
| G65 | High-pressure sender |
| J17 | Fuel pump relay |
| J104 | ABS control unit |
| J217 | Automatic gearbox control unit |
| J234 | Airbag control unit |
| J365 | Air conditioning system switch-off relay |
| J393 | Convenience system central control unit |
| J446 | Parking aid control unit |
| J623 | Engine/motor control unit |
| T3j | 3-pin connector |
| T4l | 4-pin connector |
| T4m | 4-pin connector |
| T9g | 9-pin connector |
| T9j | 9-pin connector |
| T16a | 16-pin connector |
| T16e | 16-pin connector |
| T23a | 23-pin connector |
| T38a | 38-pin connector |
| T75a | 75-pin connector |
| T80a | 80-pin connector |
| T80b | 80-pin connector |
| B277 | Positive connection 1 (15a) in main wiring harness |
| B335 | Connection 1 (54), in main wiring harness |
| B625 | Connection (K-diagnosis wire), in main wiring harness |
| *
**
*** | For models with air conditioning system
Diagnostic connection
For models with automated manual gearbox |

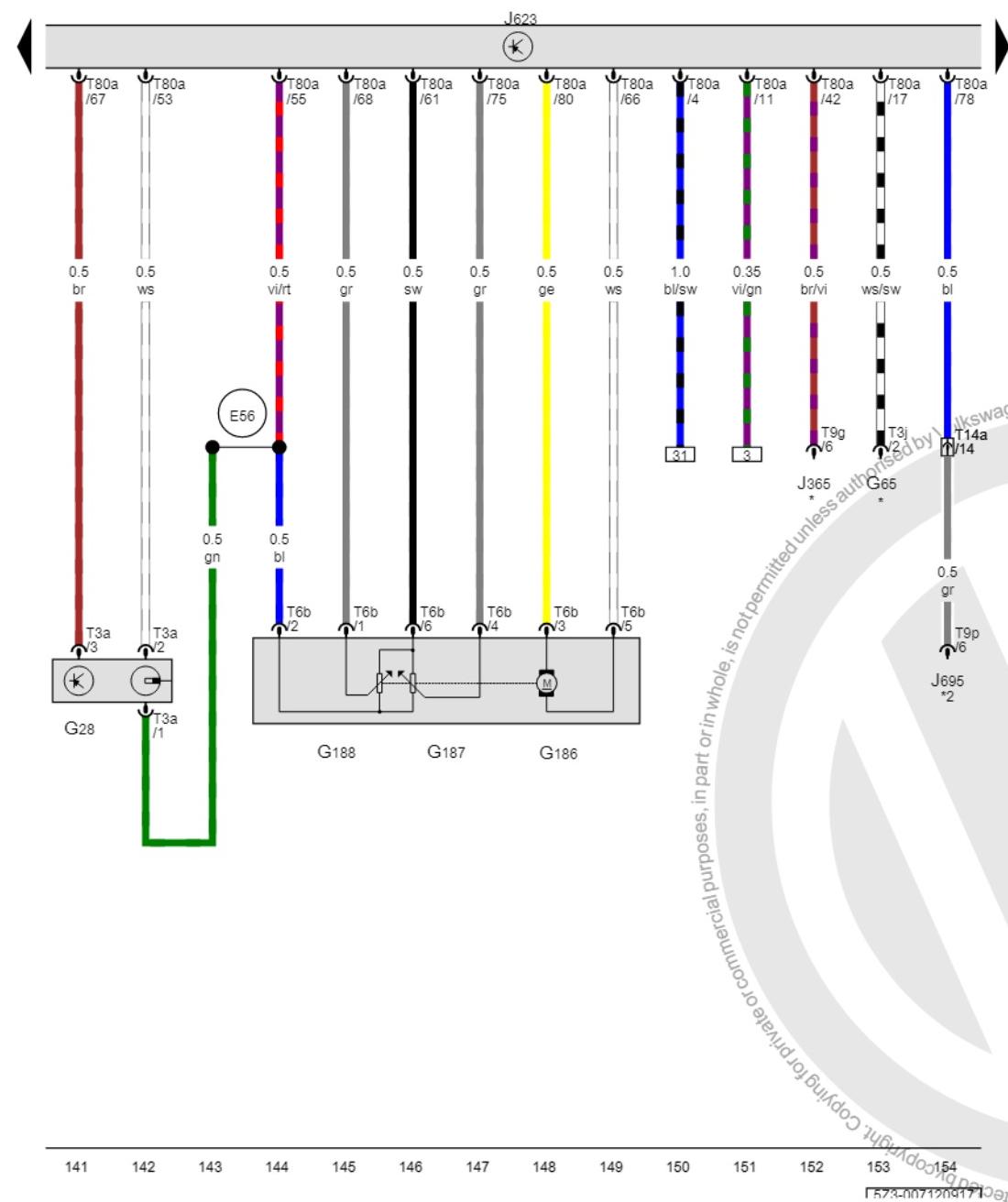
ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

Current Flow Diagram



Engine/motor control unit, Radiator fan series resistor,
Radiator fan

- | | |
|------|---|
| J104 | ABS control unit |
| J217 | Automatic gearbox control unit |
| J234 | Airbag control unit |
| J623 | Engine/motor control unit |
| N39 | Radiator fan series resistor |
| T2de | 2-pin connector |
| T2df | 2-pin connector |
| T3ae | 3-pin connector |
| T38a | 38-pin connector |
| T75a | 75-pin connector |
| T80a | 80-pin connector |
| T80b | 80-pin connector |
| V7 | Radiator fan |
| 378 | Earth connection 13, in main wiring harness |
| 671 | Earth point 1, on front of left longitudinal member |
| B383 | Connection 1 (powertrain CAN bus, high), in main wiring harness |
| B390 | Connection 1 (powertrain CAN bus, low), in main wiring harness |
- * For models with no air conditioning system
 *2 For models with air conditioning system
 *3 For models with automated manual gearbox
 *4 Up to October 2010
 *5 From October 2010



Engine speed sender, Throttle valve drive for electric throttle, Throttle valve drive angle sender 1 for electric throttle, Throttle valve drive angle sender 2 for electric throttle, Engine/motor control unit

- G28 Engine speed sender
- G65 High-pressure sender
- G186 Throttle valve drive for electric throttle
- G187 Throttle valve drive angle sender 1 for electric throttle
- G188 Throttle valve drive angle sender 2 for electric throttle
- J365 Air conditioning system switch-off relay
- J623 Engine/motor control unit
- J695 Starter motor relay 2
- T3a 3-pin connector
- T3j 3-pin connector
- T6b 6-pin connector
- T9g 9-pin connector
- T9p 9-pin connector
- T14a 14-pin connector, on left in engine compartment
- T80a 80-pin connector

E56 Connection 1, in injection system wiring harness

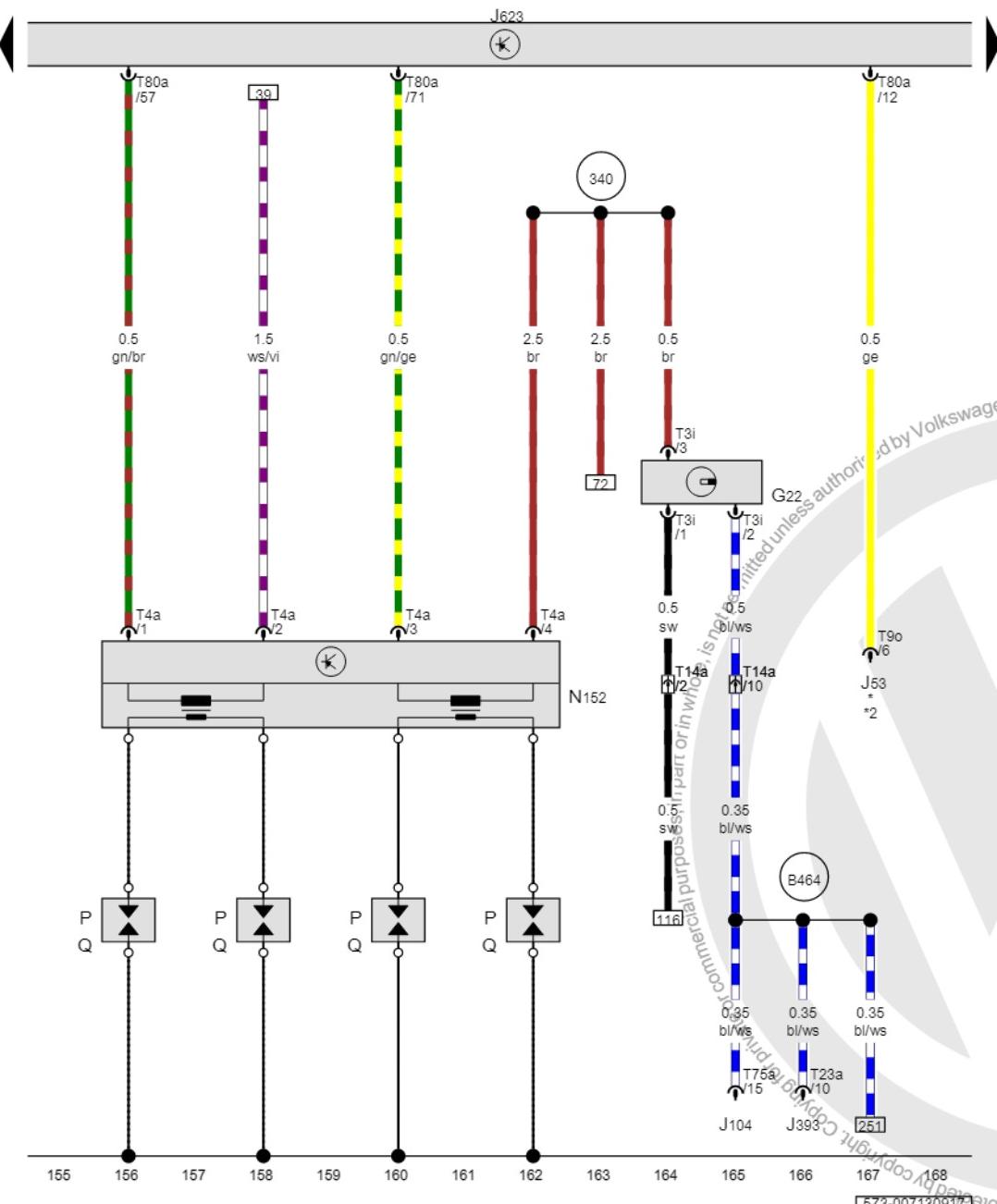
- * For models with air conditioning system
- *2 For models with automated manual gearbox

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Copyright by Volkswagen AG. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by Volkswagen AG.

Copyright by Volkswagen AG. Any liability with respect to the correctness of information in this document is excluded.

Speedometer sender, Engine/motor control unit, Ignition transformer, Spark plug connector, Spark plugs

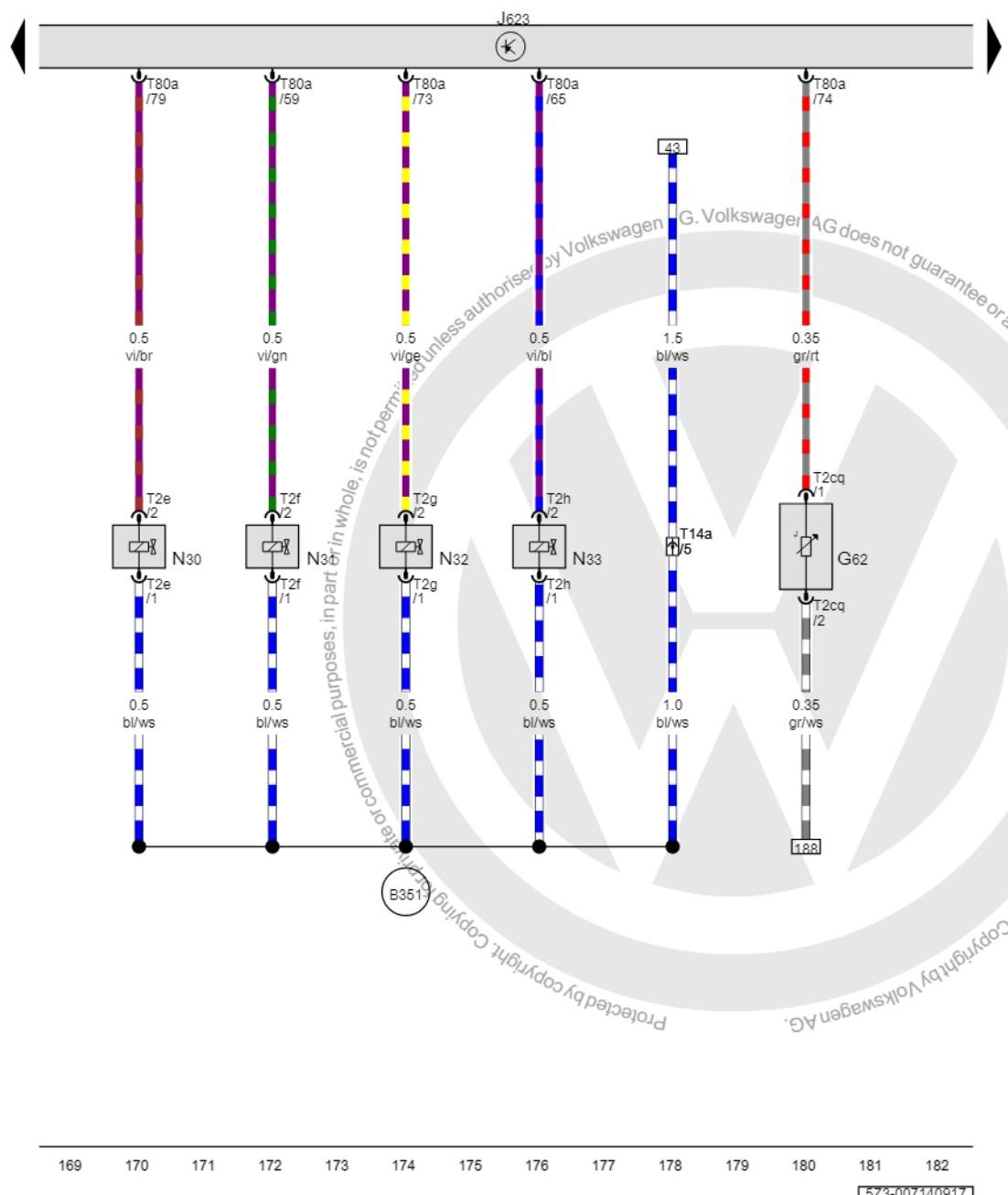


- G22 Speedometer sender
 J53 Starter motor relay
 J104 ABS control unit
 J393 Convenience system central control unit
 J623 Engine/motor control unit
 N152 Ignition transformer
 P Spark plug connector
 Q Spark plugs
 T3i 3-pin connector
 T4a 4-pin connector
 T9o 9-pin connector
 T14a 14-pin connector, on left in engine compartment
 T23a 23-pin connector
 T75a 75-pin connector
 T80a 80-pin connector

340 Earth connection 2, in injection system wiring harness

B464 Connection (speed signal), in main wiring harness
 * Up to October 2011
 *2 For models with automated manual gearbox

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Coolant temperature sender, Engine/motor control unit,
Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3,
Injector, cylinder 4

G62 Coolant temperature sender

J623 Engine/motor control unit

N30 Injector, cylinder 1

N31 Injector, cylinder 2

N32 Injector, cylinder 3

N33 Injector, cylinder 4

T2cq 2-pin connector

T2e 2-pin connector

T2f 2-pin connector

T2g 2-pin connector

T2h 2-pin connector

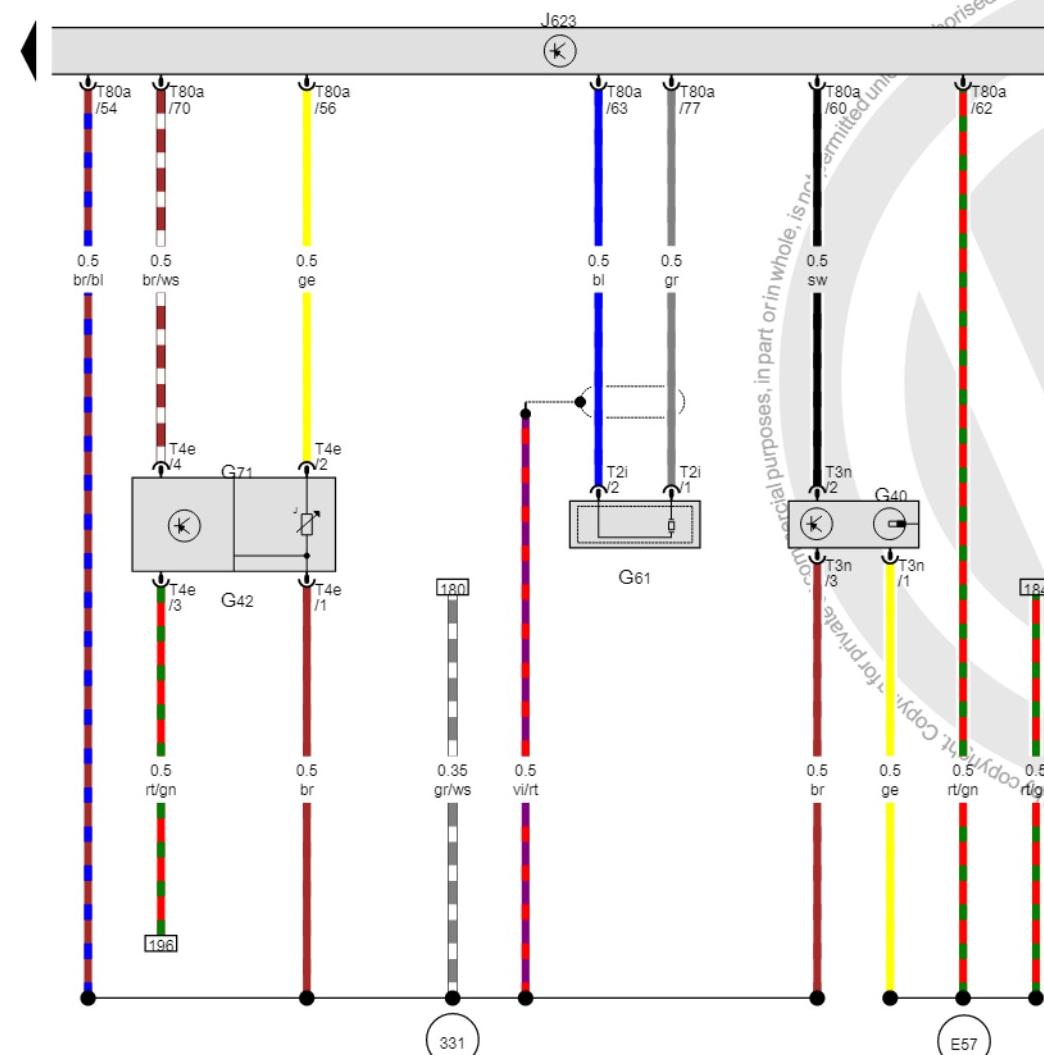
T14a 14-pin connector, on left in engine compartment

T80a 80-pin connector

B351 Positive connection 2 (87a) in main wiring harness

= white
sw = black
ws = red
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Hall sender, Intake air temperature sender, Knock sensor 1,
Intake manifold pressure sender, Engine/motor control unit

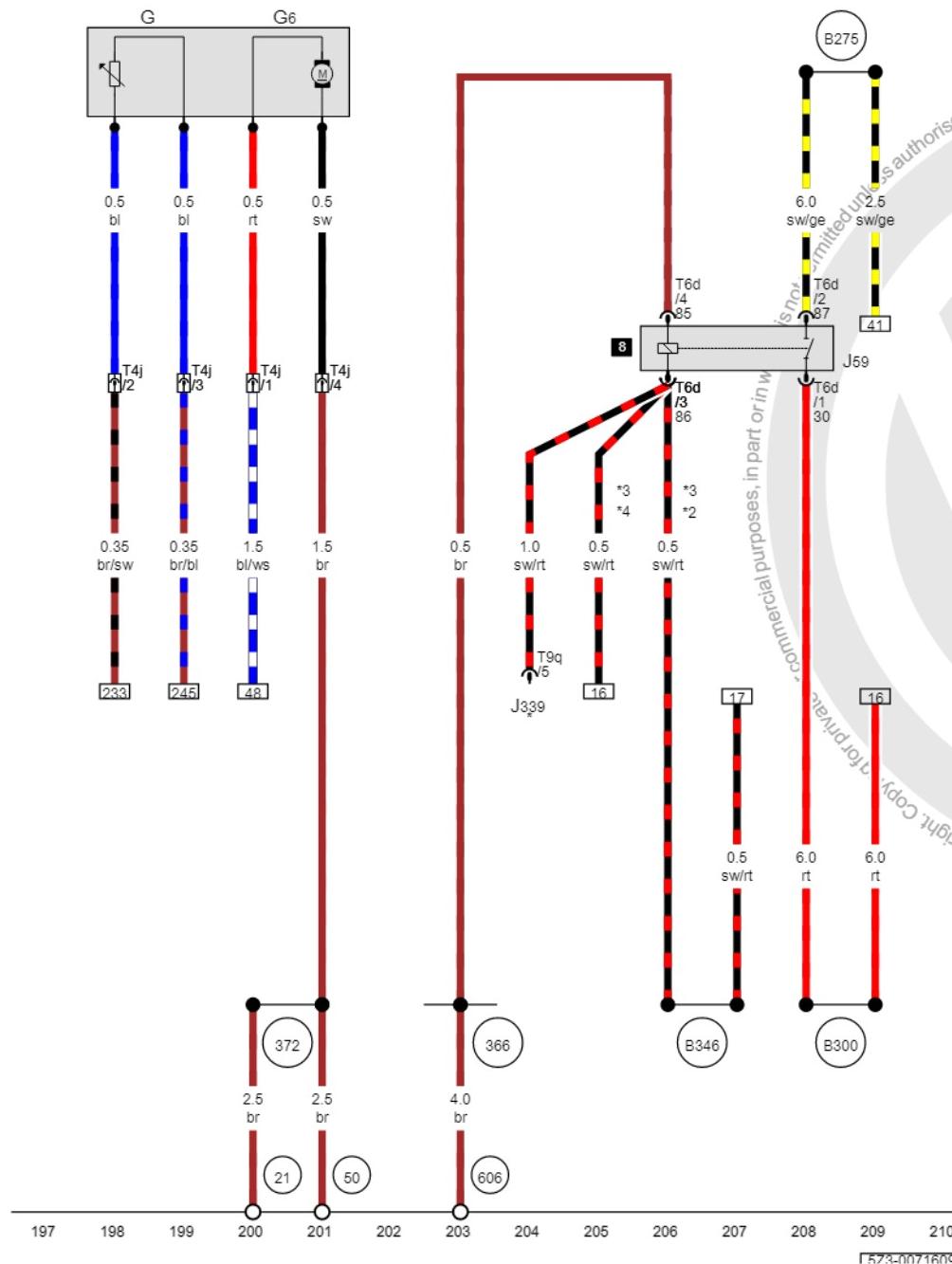


G40	Hall sender
G42	Intake air temperature sender
G61	Knock sensor 1
G71	Intake manifold pressure sender
J623	Engine/motor control unit
T2i	2-pin connector
T3n	3-pin connector
T4e	4-pin connector
T80a	80-pin connector
(331)	Earth connection, in injection system wiring harness
(E57)	Connection 2, in injection system wiring harness

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

183 184 185 186 187 188 189 190 191 192 193 194 195 196

F573-0071509171



Fuel gauge sender, Fuel system pressurisation pump, X-contact relief relay

G Fuel gauge sender
G6 Fuel system pressurisation pump

J59 X-contact relief relay

J339 X contact relief relay 2

T4j 4-pin connector

T6d 6-pin connector

T9q 9-pin connector

21 Earth point, near fuel pump

50 Earth point, on left in luggage compartment

366 Earth connection 1, in main wiring harness

372 Earth connection 7, in main wiring harness

606 Earth point, under the centre console near gear stick

B275 Positive connection (87), in main wiring harness

B300 Positive connection 4 (30), in main wiring harness

B346 Connection 1 (75), in main wiring harness

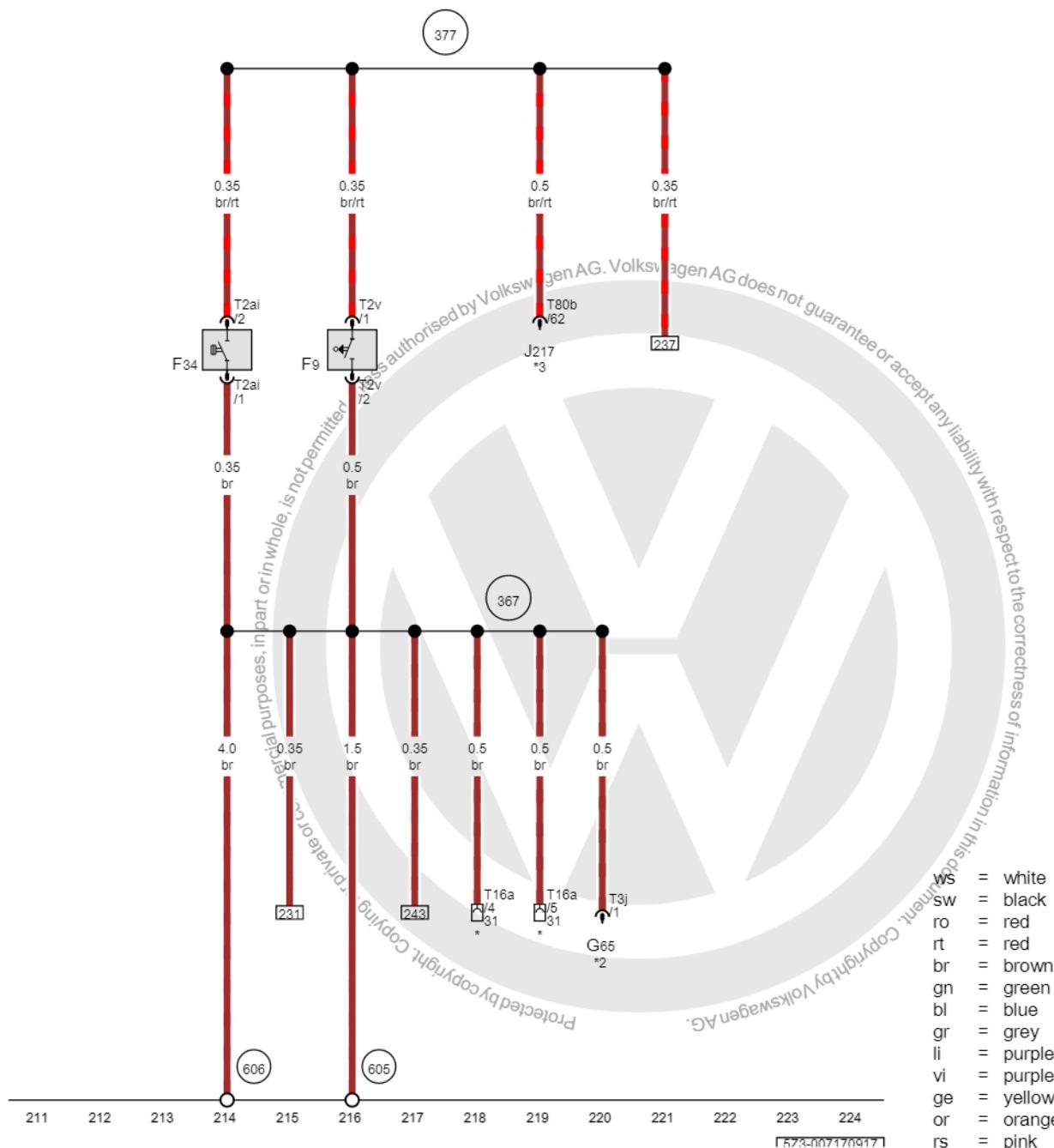
* For models with automated manual gearbox

*2 For models with no rain and light sensor

*3 Up to July 2010

*4 For models with rain and light sensor

Handbrake warning switch, Brake fluid level warning contact



F9 Handbrake warning switch

F34 Brake fluid level warning contact

G65 High-pressure sender

J217 Automatic gearbox control unit

T2ai 2-pin connector

T2v 2-pin connector

T3j 3-pin connector

T16a 16-pin connector
T22i 22-pin connector

T80b 80-pin connector

(367) Earth connection 2, in main wiring harness

(377) Earth connection 12, in main wiring harness

605 Earth point, on top end of steering column

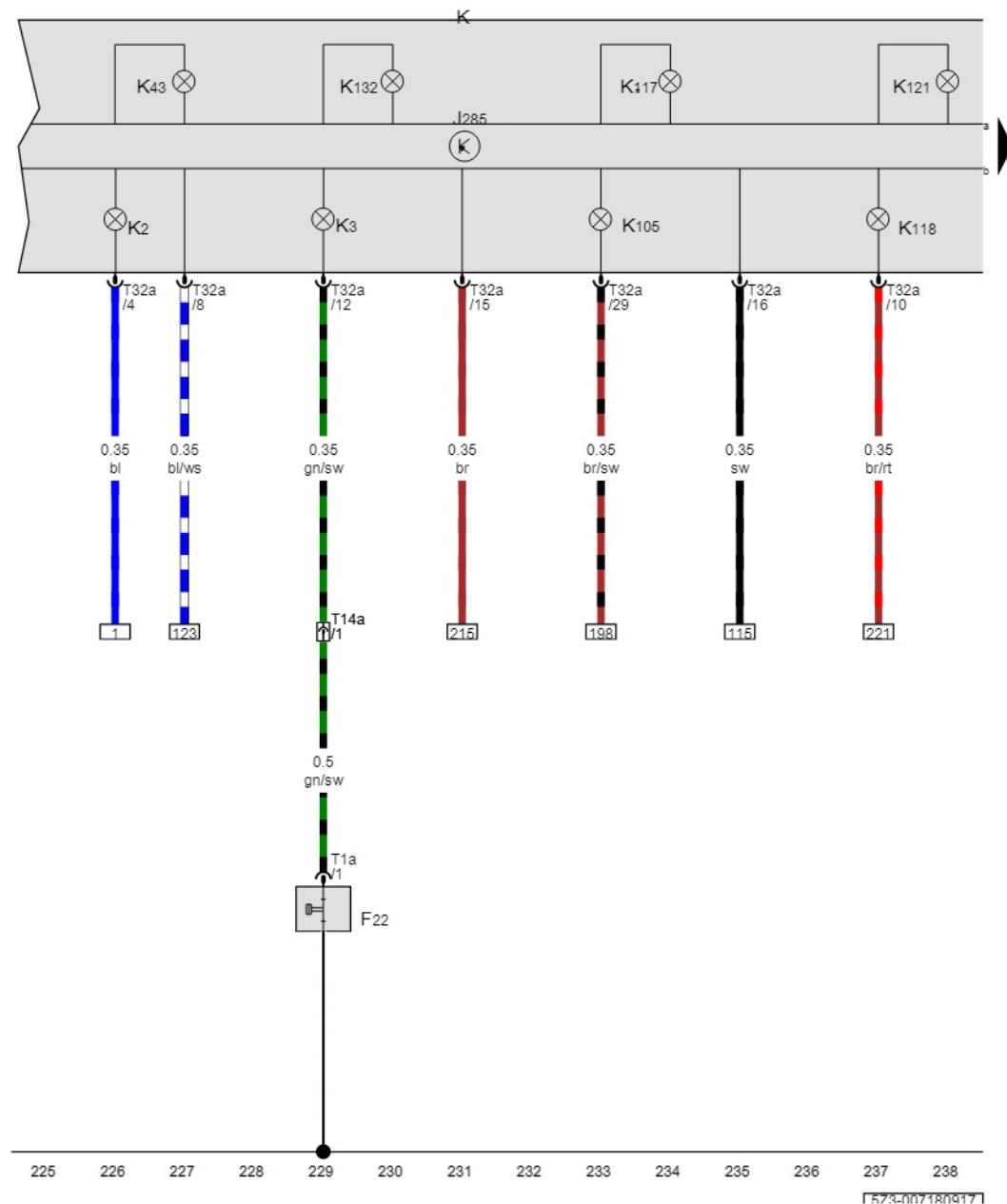
606 Earth point, under the centre console near gear stick

* Diagnostic connection

*2 For models with air conditioning system

*3 For models with automated manual gearbox

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

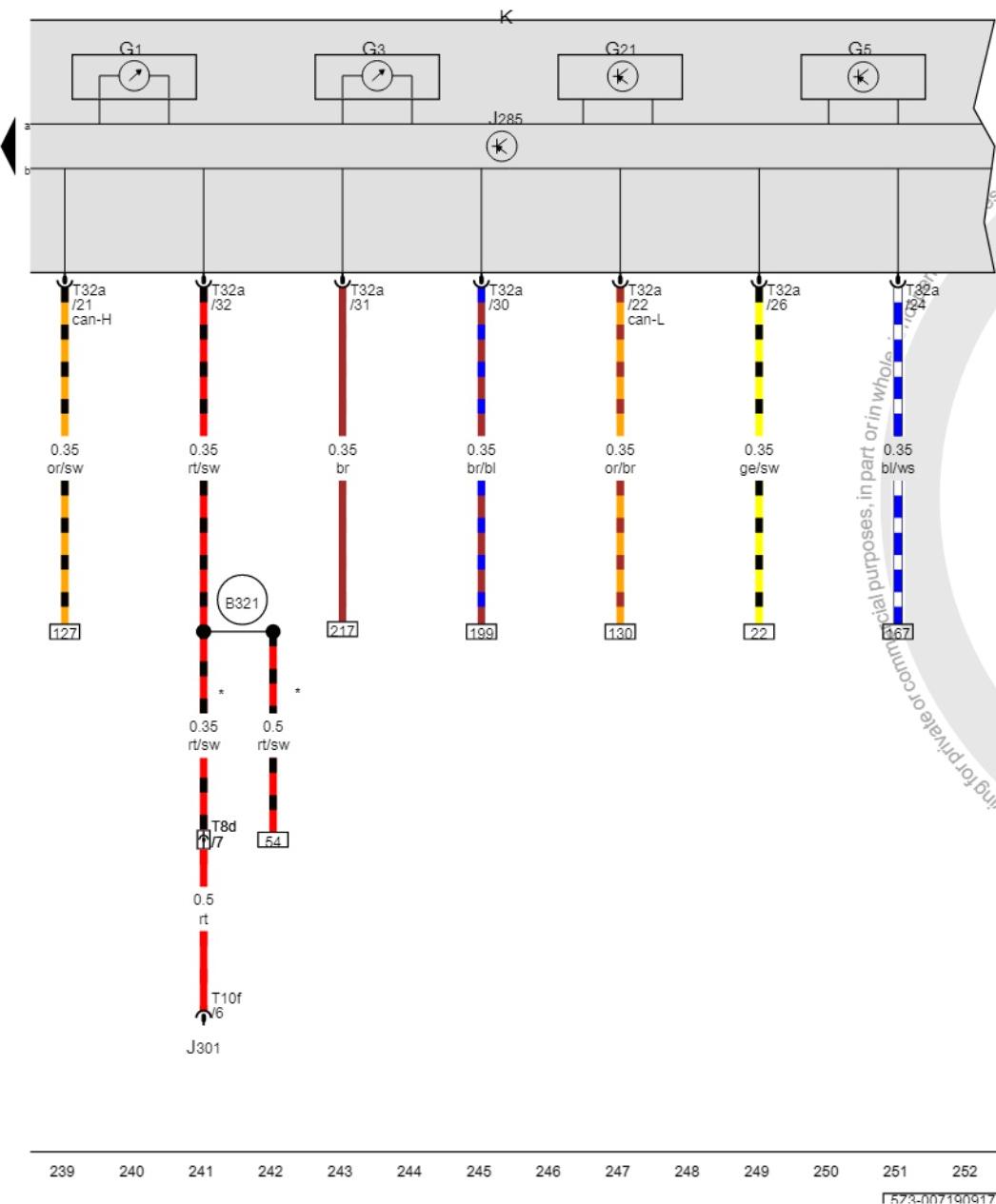


Oil pressure switch, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp, Oil pressure warning lamp, Reserve fuel warning lamp, Brake system warning lamp, Malfunction warning lamp, Electronic power control fault lamp

- F22 Oil pressure switch
 J285 Control unit in dash panel insert
 K Dash panel insert
 K2 Alternator warning lamp
 K3 Oil pressure warning lamp
 K43 Coolant temperature warning lamp (too cold)
 K105 Reserve fuel warning lamp
 K117 Immobiliser warning lamp
 K118 Brake system warning lamp
 K121 Malfunction warning lamp
 K132 Electronic power control fault lamp
 T1a 1-pin connector
 T14a 14-pin connector, on left in engine compartment
 T32a 32-pin connector
 * Up to December 2010

Protected by copyright. Copying or commercial purposes, in part or in whole, is not permitted unless authorised by Volkswagen AG.

Fuel gauge, Coolant temperature gauge, Rev. counter,
Speedometer, Control unit in dash panel insert, Dash panel
insert



ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

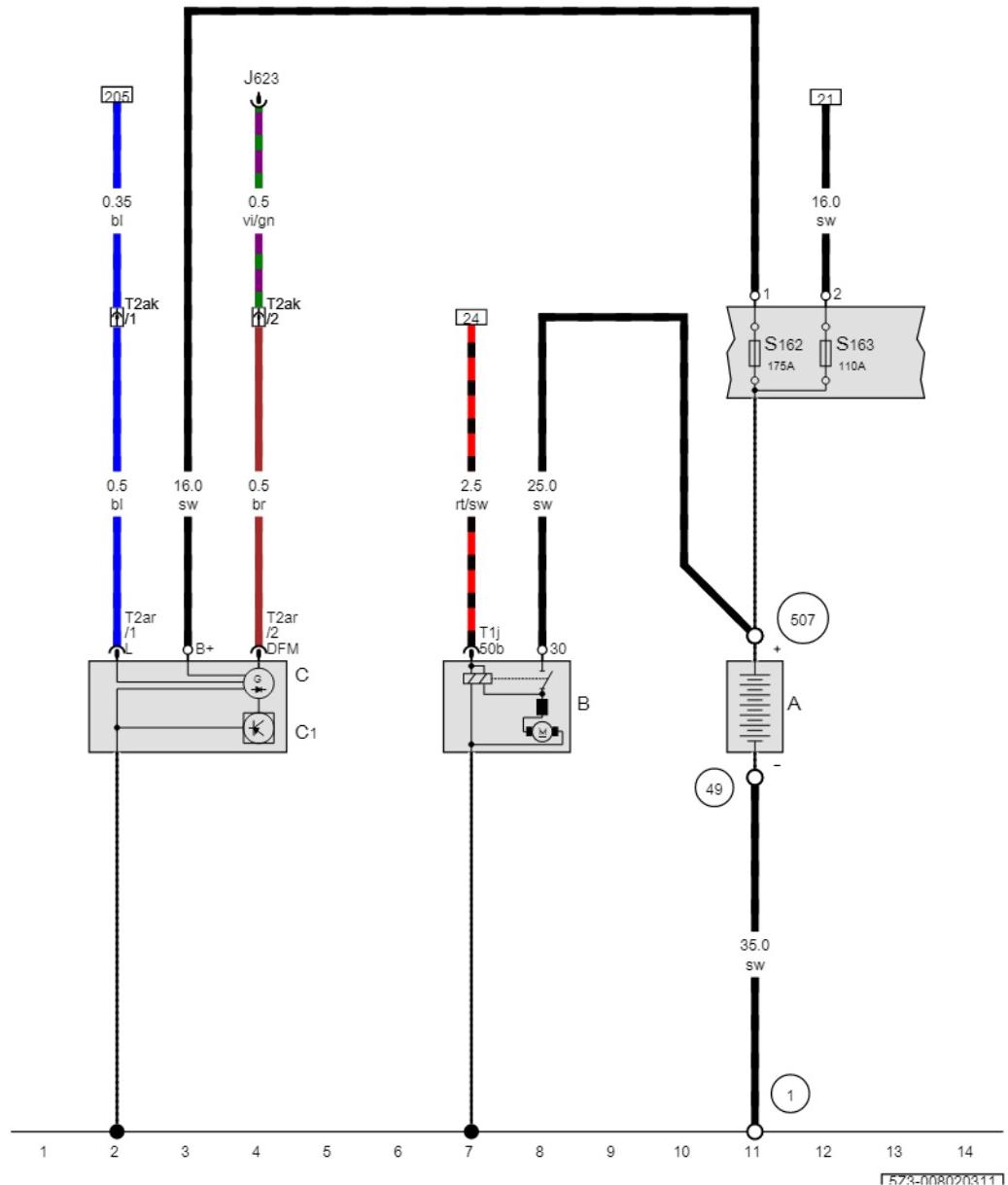
Coming home/leaving home function without rain sensor

From August 2009



Battery, Starter, Alternator, Voltage regulator

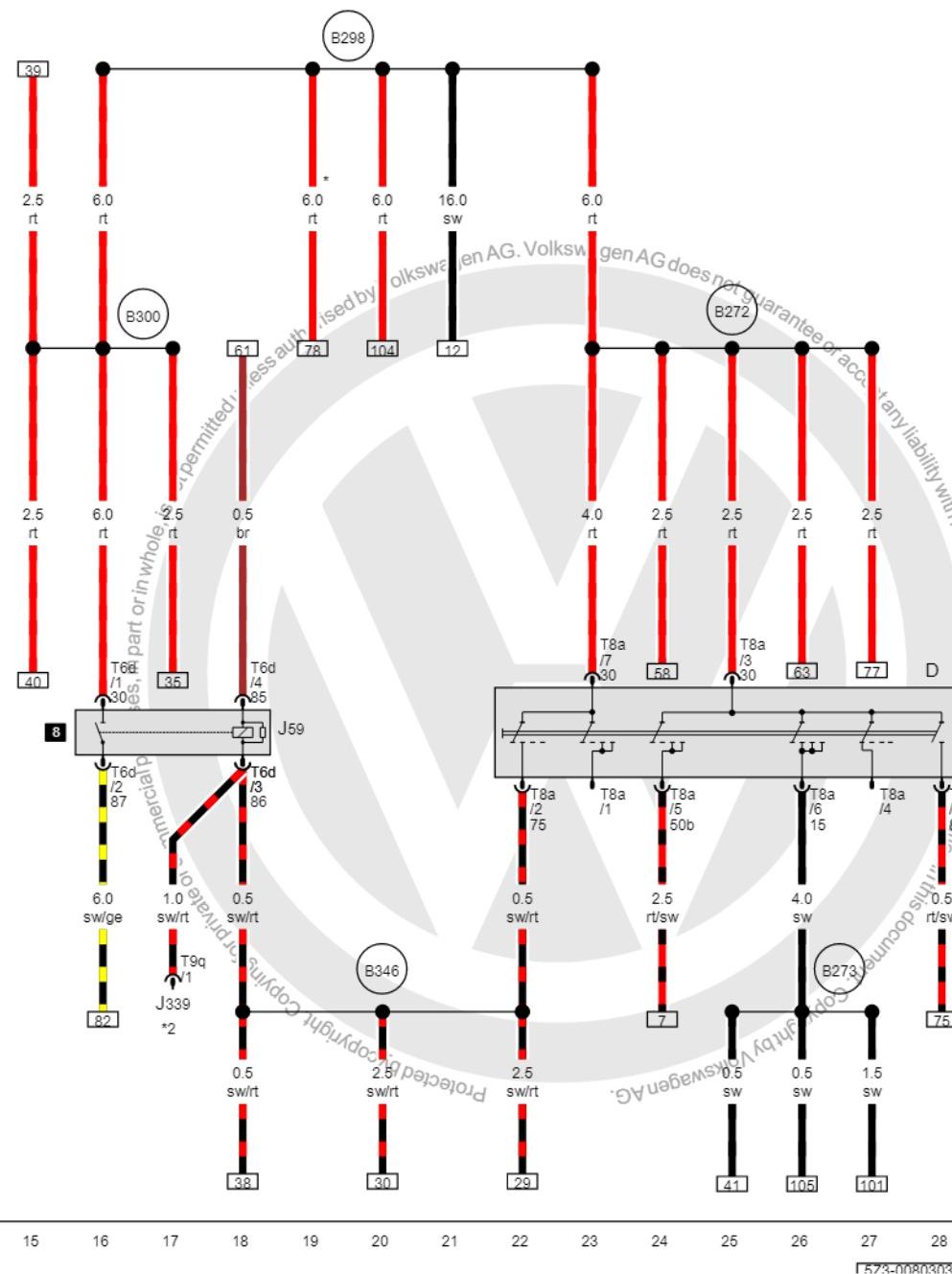
- A Battery
 B Starter
 C Alternator
 C1 Voltage regulator
 J623 Engine control unit
 S162 Fuse 1 (30), in battery fuse holder
 S163 Fuse 2 (30), in battery fuse holder
 T1j Single connector
 T2ak 2-pin connector, on left in engine compartment
 T2ar 2-pin connector
- 1 Earth strap, battery - body
 - 49 Earth point, near ..., near battery
 - 507 Threaded connection (30), on battery fuse holder



ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

Ignition/starter switch, X-contact relief relay

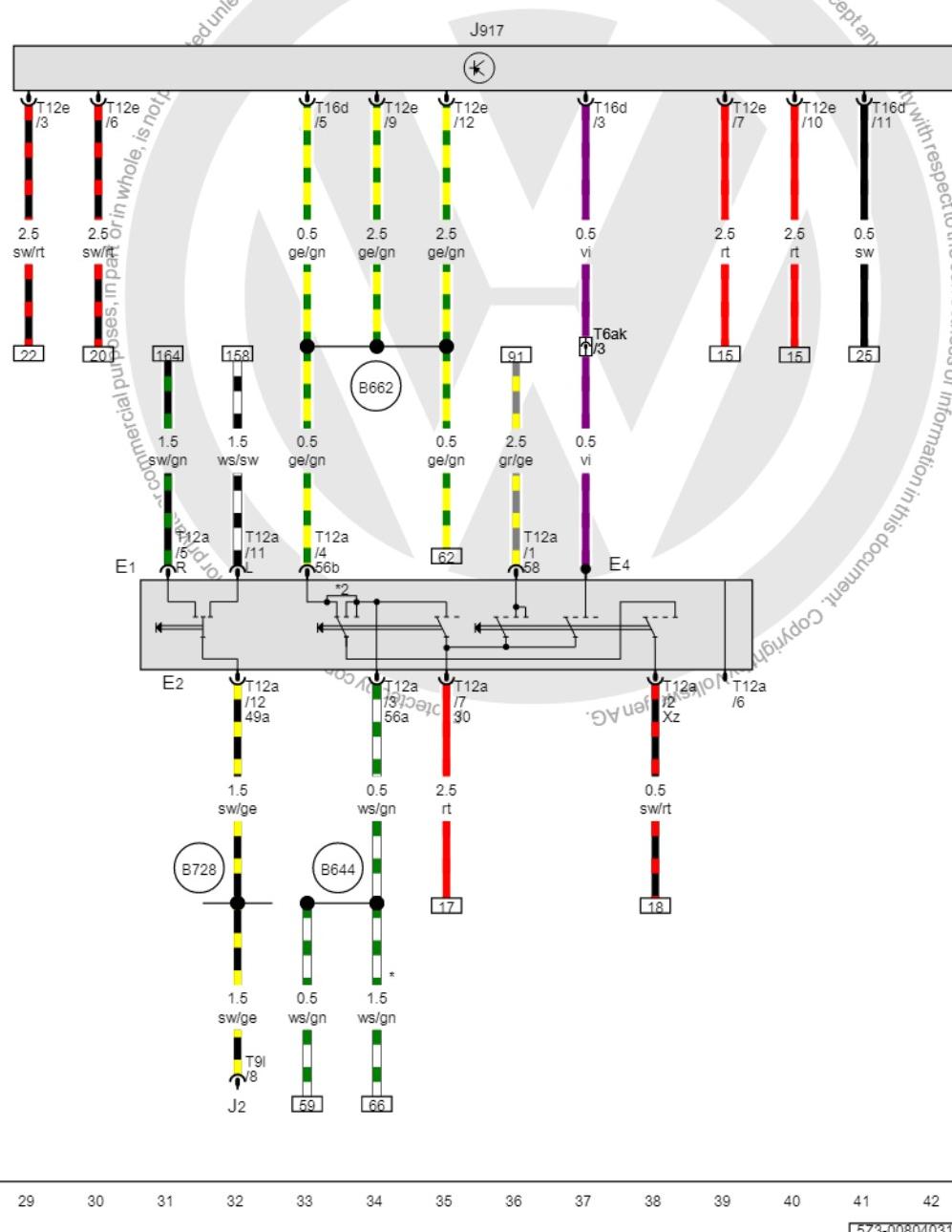
- D Ignition/starter switch
 J59 X-contact relief relay
 J339 X contact relief relay 2
 T6d 6-pin connector
 T8a 8-pin connector
 T9q 9-pin connector
- (B272) Positive connection (30), in main wiring harness
 (B273) Positive connection (15), in main wiring harness
 (B298) Positive connection 2 (30), in main wiring harness
 (B300) Positive connection 4 (30), in main wiring harness
 (B346) Connection 1 (75), in main wiring harness
- * Only models with central locking
 *2 Only models with automated manual gearbox



ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

Current Flow Diagram

Light switch, Turn signal switch, Headlight dipper and
flasher switch, Control unit for lighting and wiper functions



- E1 Light switch
 - E2 Turn signal switch
 - E4 Headlight dipper and flasher switch
 - J2 Hazard warning light relay
 - J917 Control unit for lighting and wiper functions
 - T6ak 6-pin connector, near ignition/starter switch
 - T9l 9-pin connector
 - T12a 12-pin connector
 - T12e 12-pin connector
 - T16d 16-pin connector

B644 Connection 3 (56a), in main wiring harness

B662 Connection 2 (56b), in main wiring harness

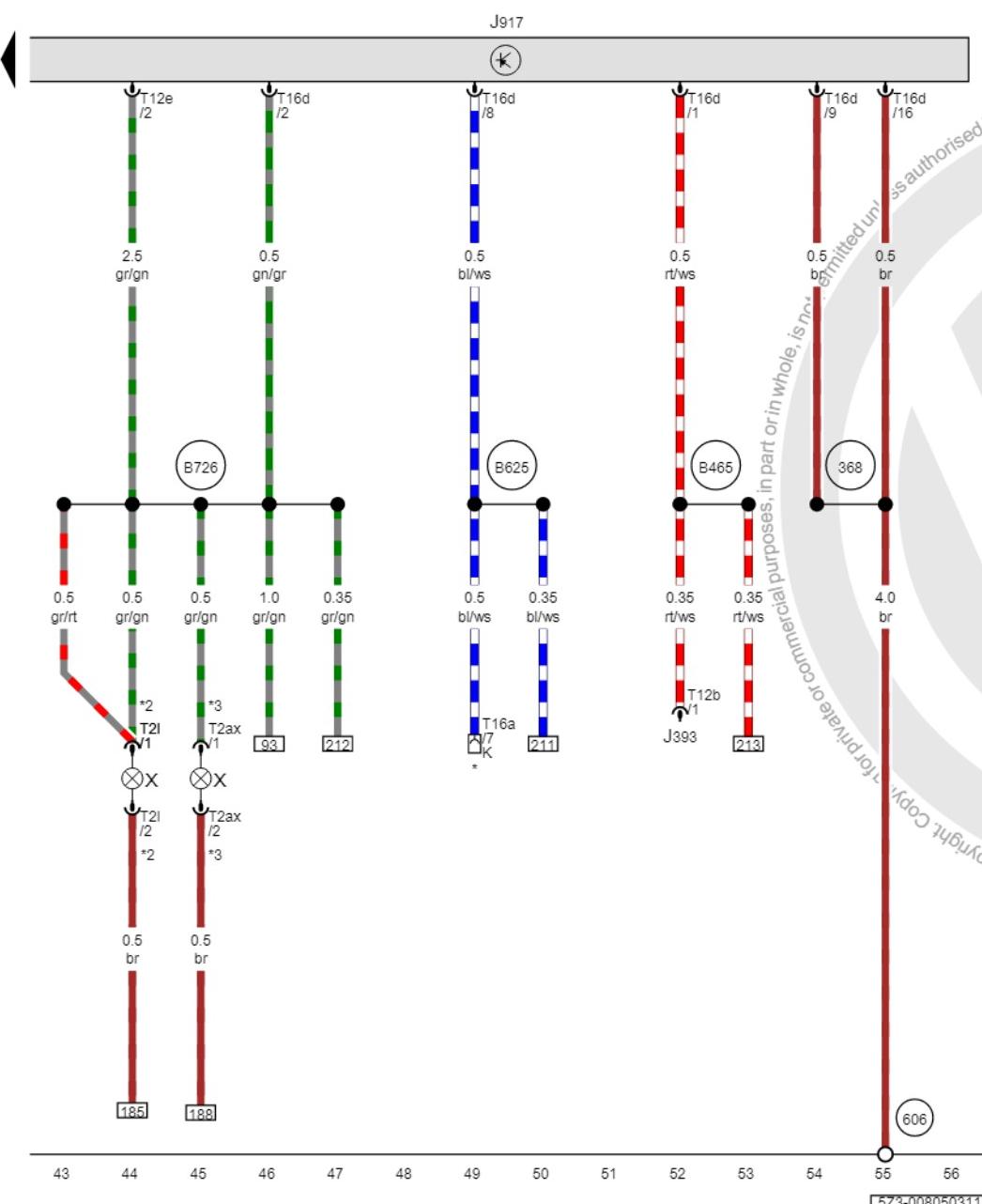
B728 Connection (49a), in main wiring harness

* Only CROSS models

*2 Only models with dual headlights

ws	= white
sw	= black
ro	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
ge	= yellow
or	= orange
rs	= pink

Control unit for lighting and wiper functions, Number plate light



ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

- | | |
|------|---|
| J393 | Convenience system central control unit |
| J917 | Control unit for lighting and wiper functions |
| T2ax | 2-pin connector |
| | 2-pin connector |
| T12b | 12-pin connector |
| T12e | 12-pin connector |
| T16a | 16-pin connector |
| T16d | 16-pin connector |
| X | Number plate light |
| 368 | Earth connection 3, in main wiring harness |
| 606 | Earth point, under the centre console near gear stick |
| B465 | Connection 1, in main wiring harness |
| B625 | Connection (K-diagnosis wire) in main wiring harness |
| B726 | Positive connection 2 (58), in main wiring harness |
| * | Diagnostic connection |
| *2 | Only models with 4-doors |
| *3 | Only CROSS models |

Fog light relay, Headlight main beam relay, Dipped beam relay

J5 Fog light relay

J12 Headlight main beam relay

J331 Dipped beam relay

T9a 9-pin connector

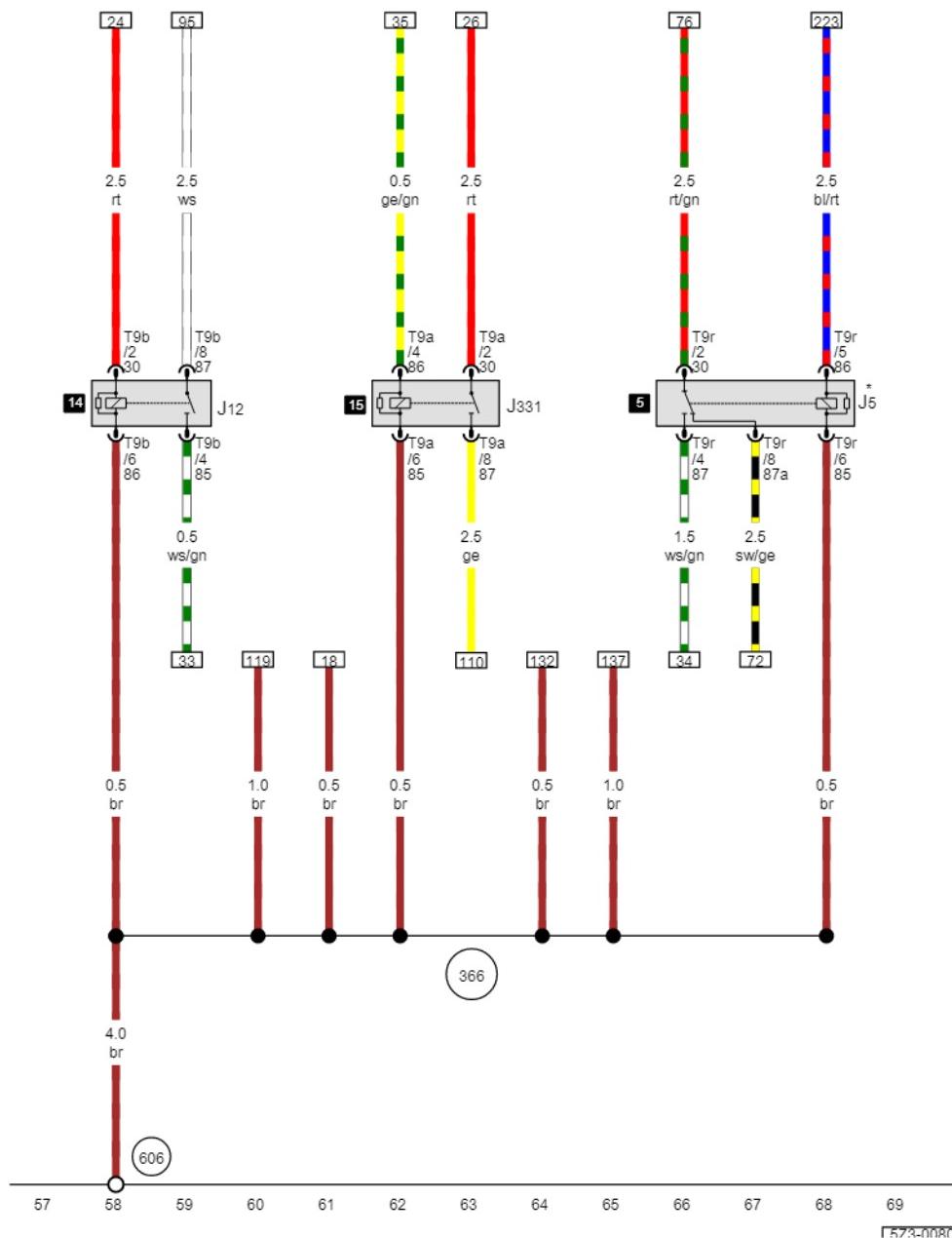
T9b 9-pin connector

T9r 9-pin connector

366 Earth connection 1, in main wiring harness

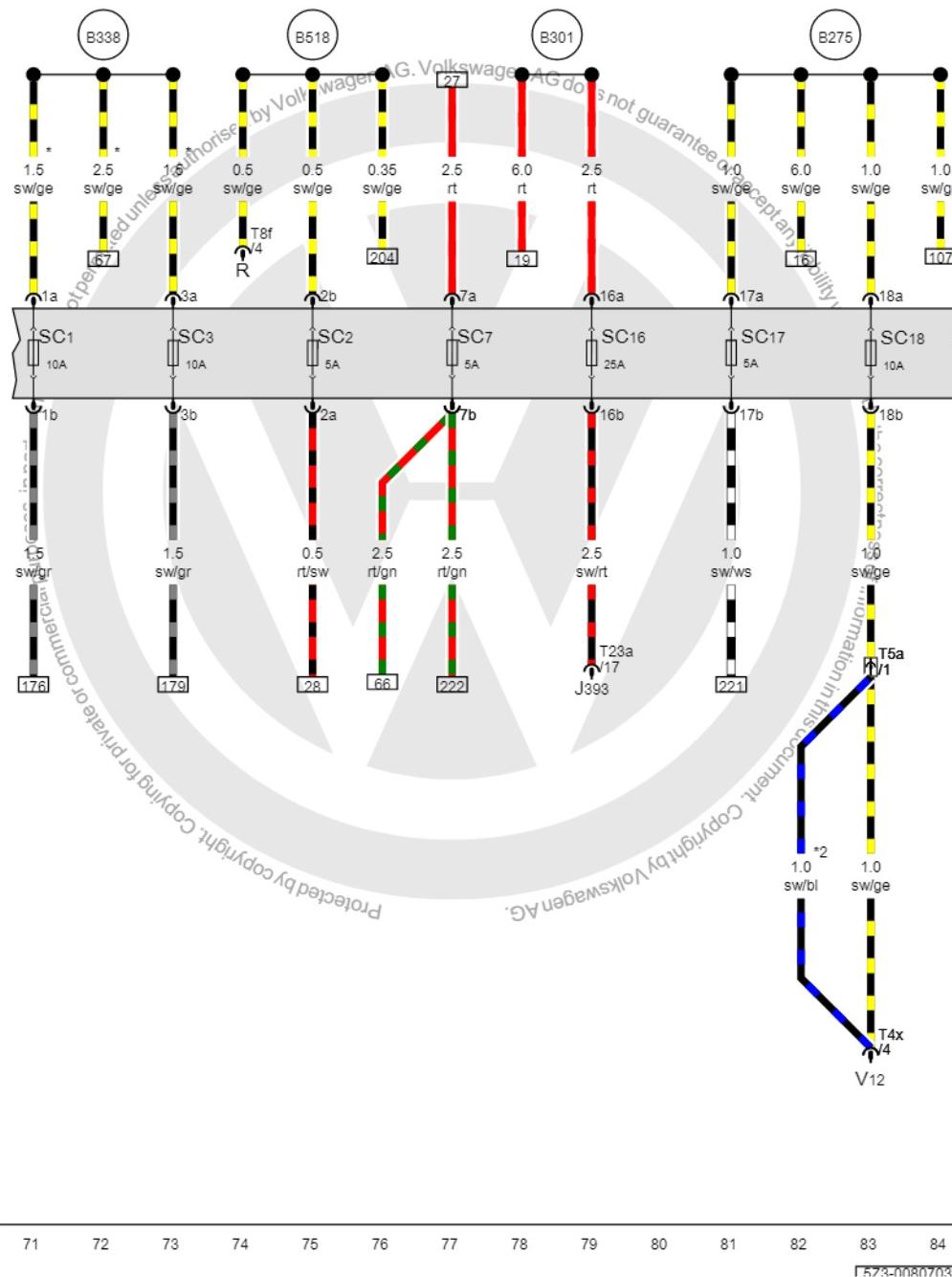
606 Earth point, under the centre console near gear stick

* Only CROSS models



ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Protected by Copyright. Copying or private use is not permitted, in part or in whole.
Copyright by Volkswagen AG. This document does not guarantee or accept any liability with respect to the correctness of information in this document.



Fuse 1 on fuse holder C, Fuse 2 on fuse holder C, Fuse 3 on fuse holder C, Fuse 7 on fuse holder C, Fuse 16 on fuse holder C, Fuse 17 on fuse holder C, Fuse 18 on fuse holder C

- J393 Convenience system central control unit
- R Radio
- SC1 Fuse 1 on fuse holder C
- SC2 Fuse 2 on fuse holder C
- SC3 Fuse 3 on fuse holder C
- SC7 Fuse 7 on fuse holder C
- SC16 Fuse 16 on fuse holder C
- SC17 Fuse 17 on fuse holder C
- SC18 Fuse 18 on fuse holder C
- T4x 4-pin connector
- T5a 5-pin connector, behind rear left side trim, near wheel arch
- T8f 8-pin connector
- T23a 23-pin connector
- V12 Rear window wiper motor

(B275) Positive connection (87), in main wiring harness

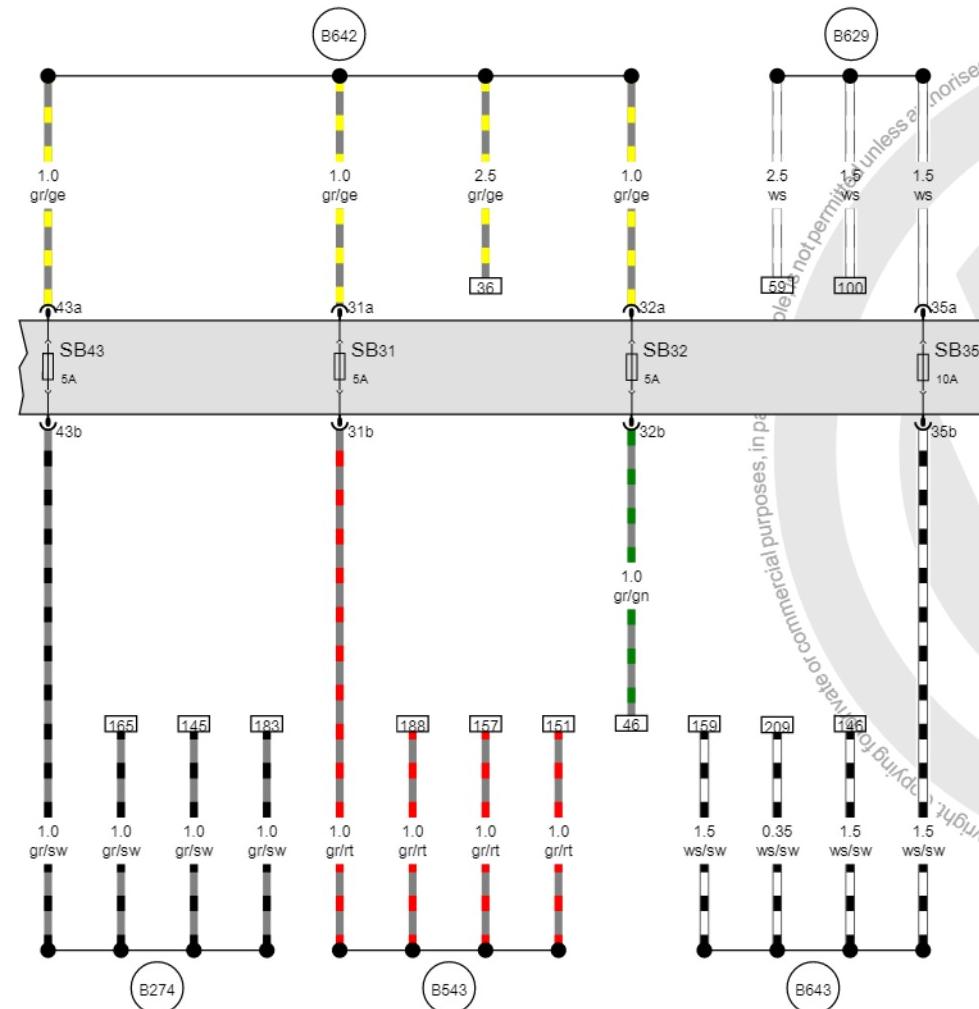
(B301) Positive connection 5 (30), in main wiring harness

(B338) Connection 1 (56), in main wiring harness

(B518) Connection (86s), in main wiring harness

* Only CROSS models

*2 Only models with 4-doors



Fuse 31 on fuse holder B, Fuse 32 on fuse holder B, Fuse 35 on fuse holder B, Fuse 43 on fuse holder B

SB31 Fuse 31 on fuse holder B
SB32 Fuse 32 on fuse holder B
SB35 Fuse 35 on fuse holder B
SB43 Fuse 43 on fuse holder B

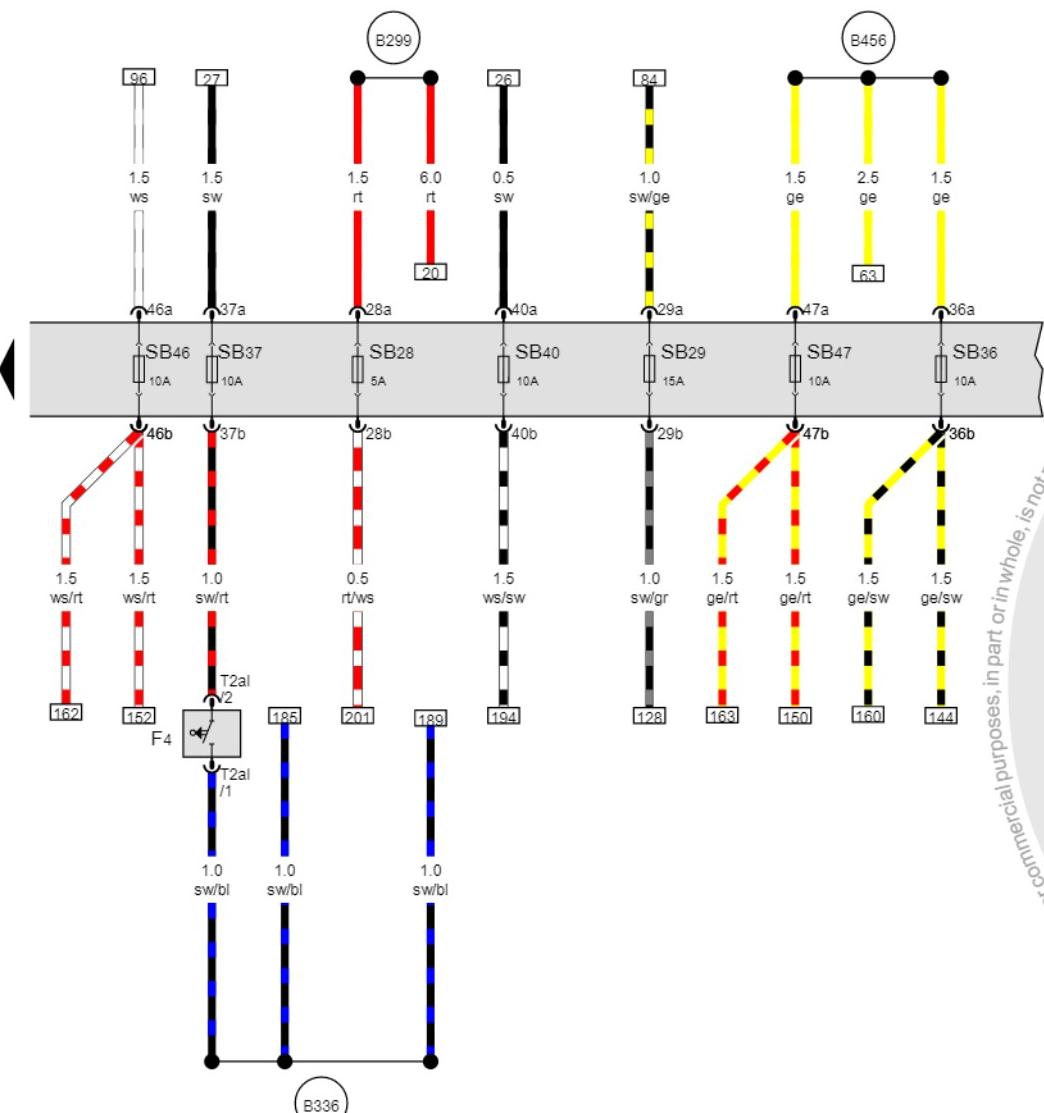
- (B274) Positive connection (58L), in main wiring harness
- (B543) Positive connection (58R), in main wiring harness
- (B629) Connection (56a), in main wiring harness
- (B642) Positive connection (58), in main wiring harness
- (B643) Connection 2 (56a), in main wiring harness

ws

= white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Reversing light switch

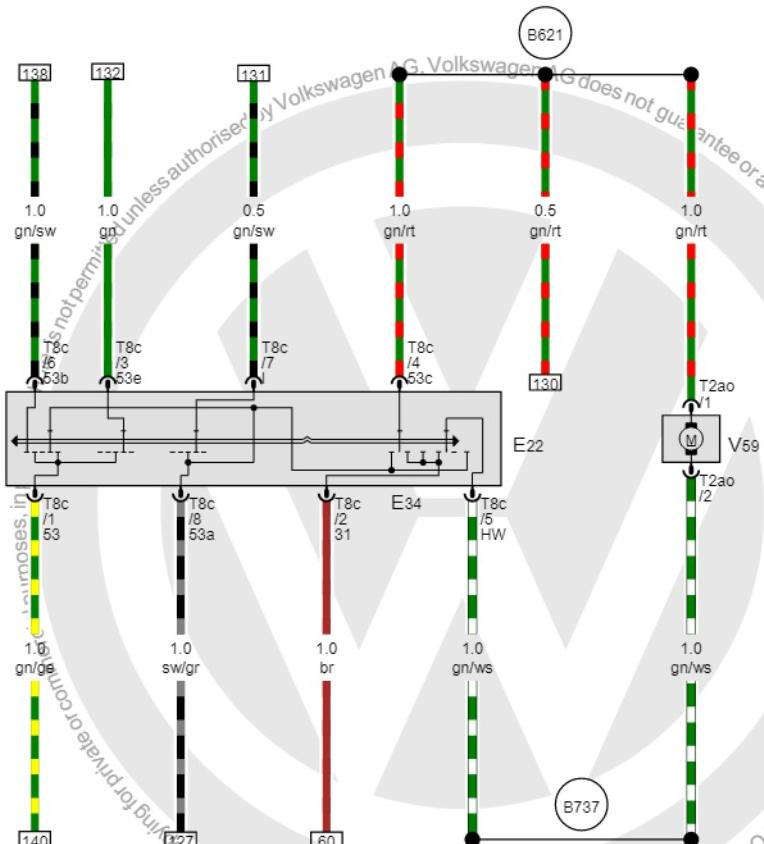
- F4 Reversing light switch
 SB28 Fuse 28 on fuse holder B
 SB29 Fuse 29 on fuse holder B
 SB36 Fuse 36 on fuse holder B
 SB37 Fuse 37 on fuse holder B
 SB40 Fuse 40 on fuse holder B
 SB46 Fuse 46 on fuse holder B
 SB47 Fuse 47 on fuse holder B
 T2al 2-pin connector
 B299 Positive connection 3(30), in main wiring harness
 B336 Connection 2 (54), in main wiring harness
 B456 Connection (56b), in main wiring harness



ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

Intermittent wiper switch, Rear wiper switch, Windscreen and rear window washer pump

- E22 Intermittent wiper switch
- E34 Rear wiper switch
- T2ao 2-pin connector
- T8c 8-pin connector
- V59 Windscreen and rear window washer pump
- (B621) Connection 1 (53c), in main wiring harness
- (B737) Connection 2 (53c), in main wiring harness



ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

Automatic intermittent wash and wipe relay, Windscreen wiper motor

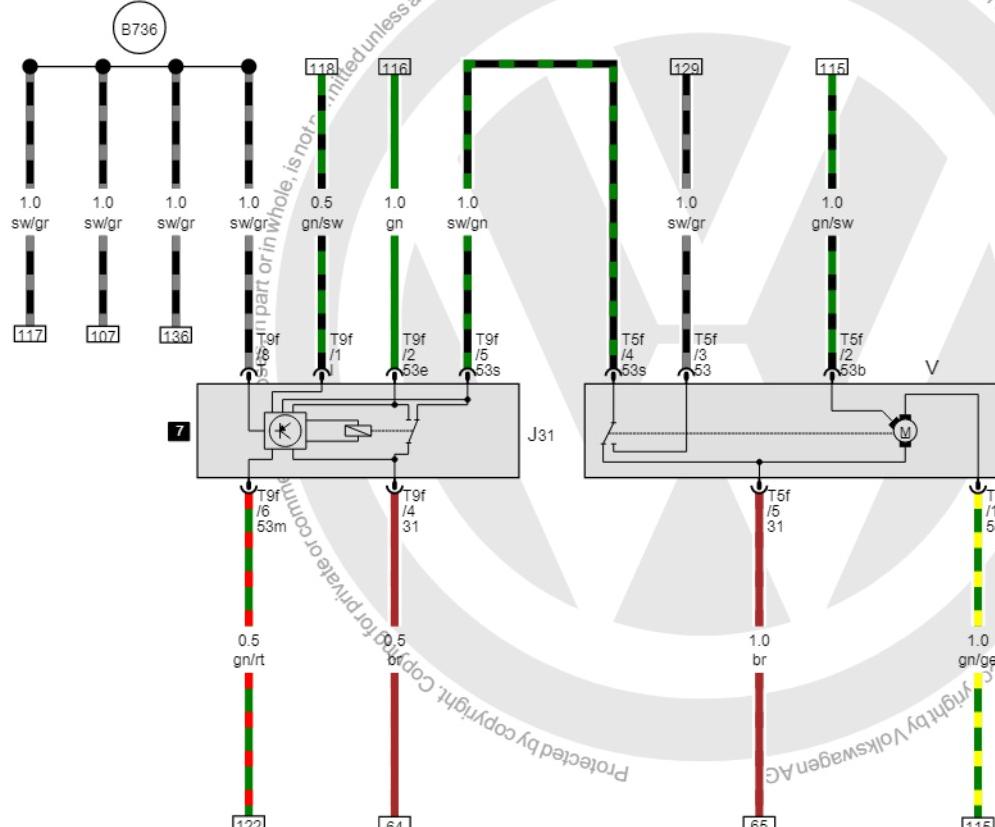
J31 Automatic intermittent wash and wipe relay

T5f 5-pin connector

T9f 9-pin connector

V Windscreen wiper motor

B736 Positive connection (53a), in main wiring harness



ws	= white
sw	= black
ro	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
ge	= yellow
or	= orange
rs	= pink

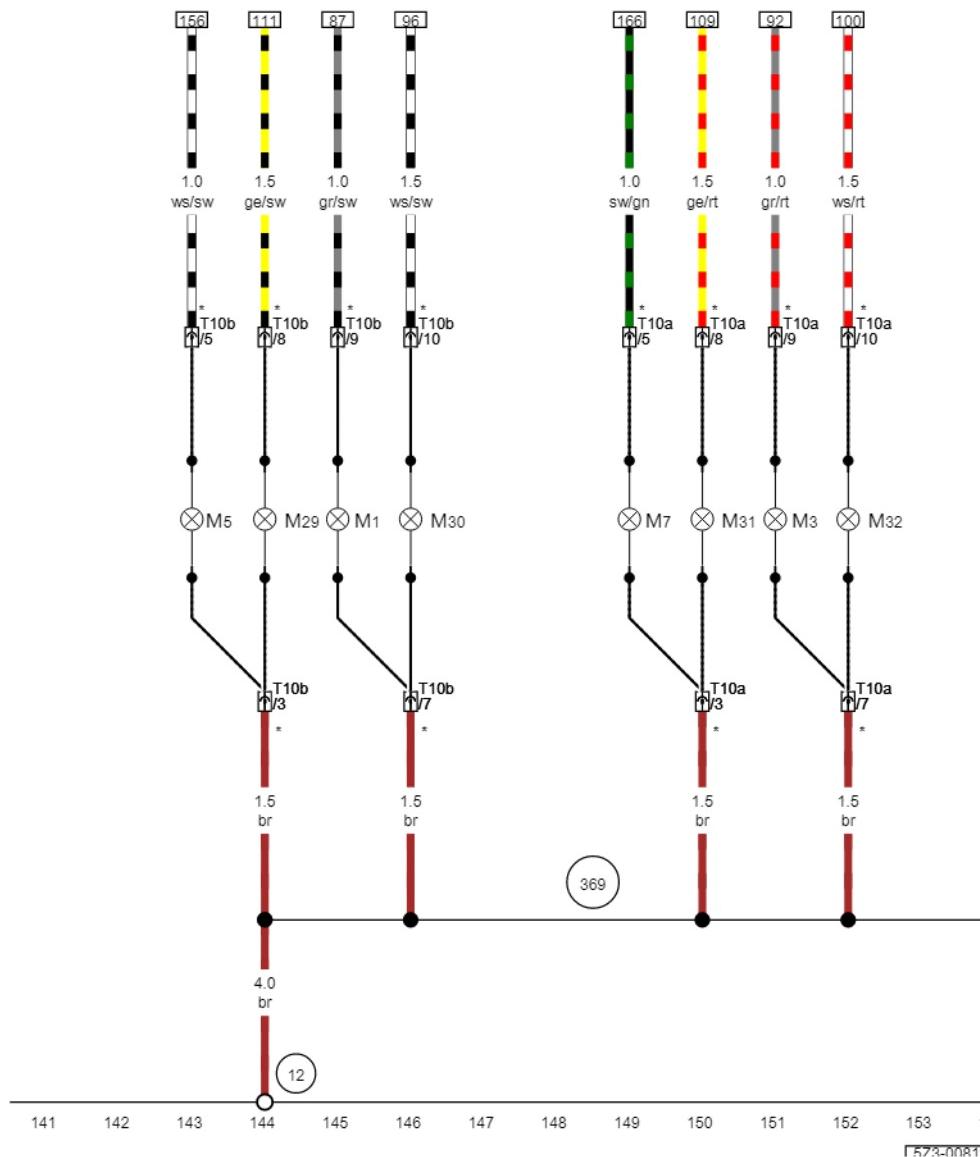
127 128 129 130 131 132 133 134 135 136 137 138 139 140

F573-0081103111

Protected by Copyright for Private or Commercial purposes, in part or in whole, is not permitted unless authorized by Volkswagen AG. Volkswagen AG does not grant any liability with respect to the correctness of information in this document.

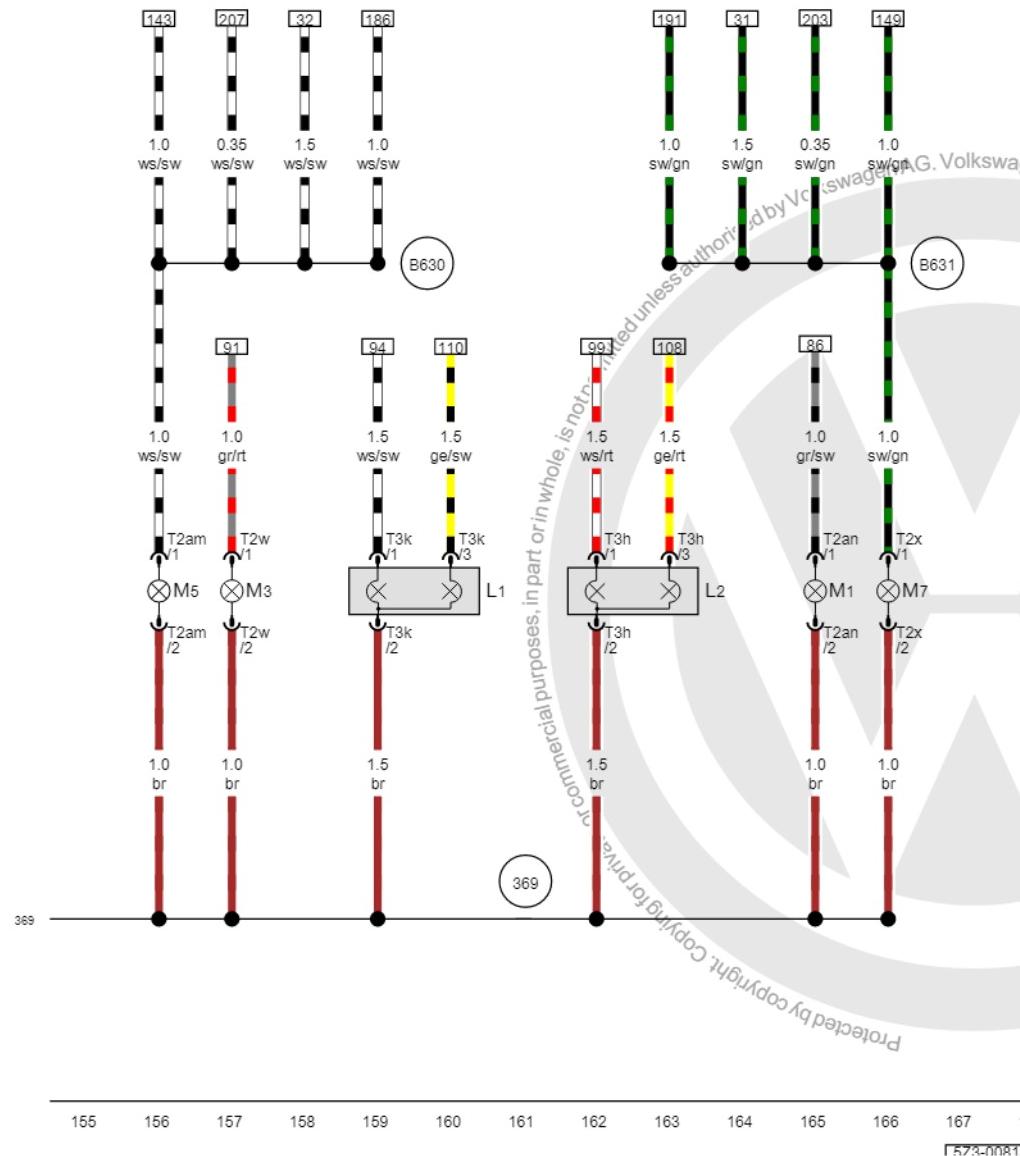
Left side light bulb, Right side light bulb, Front left turn signal bulb, Front right turn signal bulb, Left headlight dipped beam bulb, Left headlight main beam bulb, Right headlight dipped beam bulb, Right headlight main beam bulb

- M1 Left side light bulb
- M3 Right side light bulb
- M5 Front left turn signal bulb
- M7 Front right turn signal bulb
- M29 Left headlight dipped beam bulb
- M30 Left headlight main beam bulb
- M31 Right headlight dipped beam bulb
- M32 Right headlight main beam bulb
- T10a 10-pin connector
- T10b 10-pin connector
- 12 Earth point, on left in engine compartment
- 369 Earth connection 4, in main wiring harness
- * Only models with dual headlights

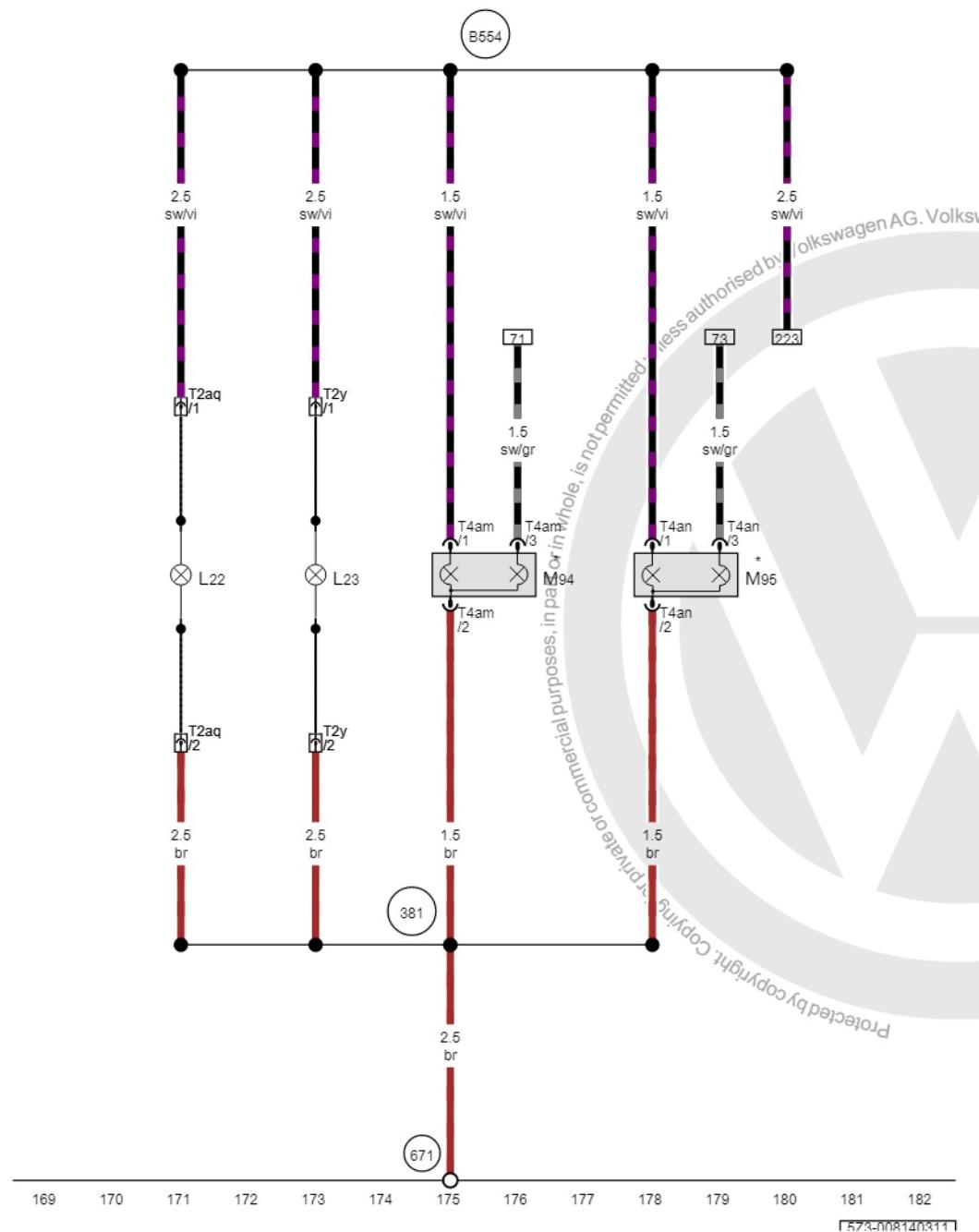


Left headlight twin filament bulb, Right headlight twin filament bulb, Left side light bulb, Right side light bulb, Front left turn signal bulb, Front right turn signal bulb

- L1 Left headlight twin filament bulb
- L2 Right headlight twin filament bulb
- M1 Left side light bulb
- M3 Right side light bulb
- M5 Front left turn signal bulb
- M7 Front right turn signal bulb
- T2am 2-pin connector
- T2an 2-pin connector
- T2w 2-pin connector
- T2x 2-pin connector
- T3h 3-pin connector
- T3k 3-pin connector
- 369 Earth connection 4, in main wiring harness
- B630 Positive connection (left turn signal bulb), in main wiring harness
- B631 Positive connection (right turn signal bulb), in main wiring harness



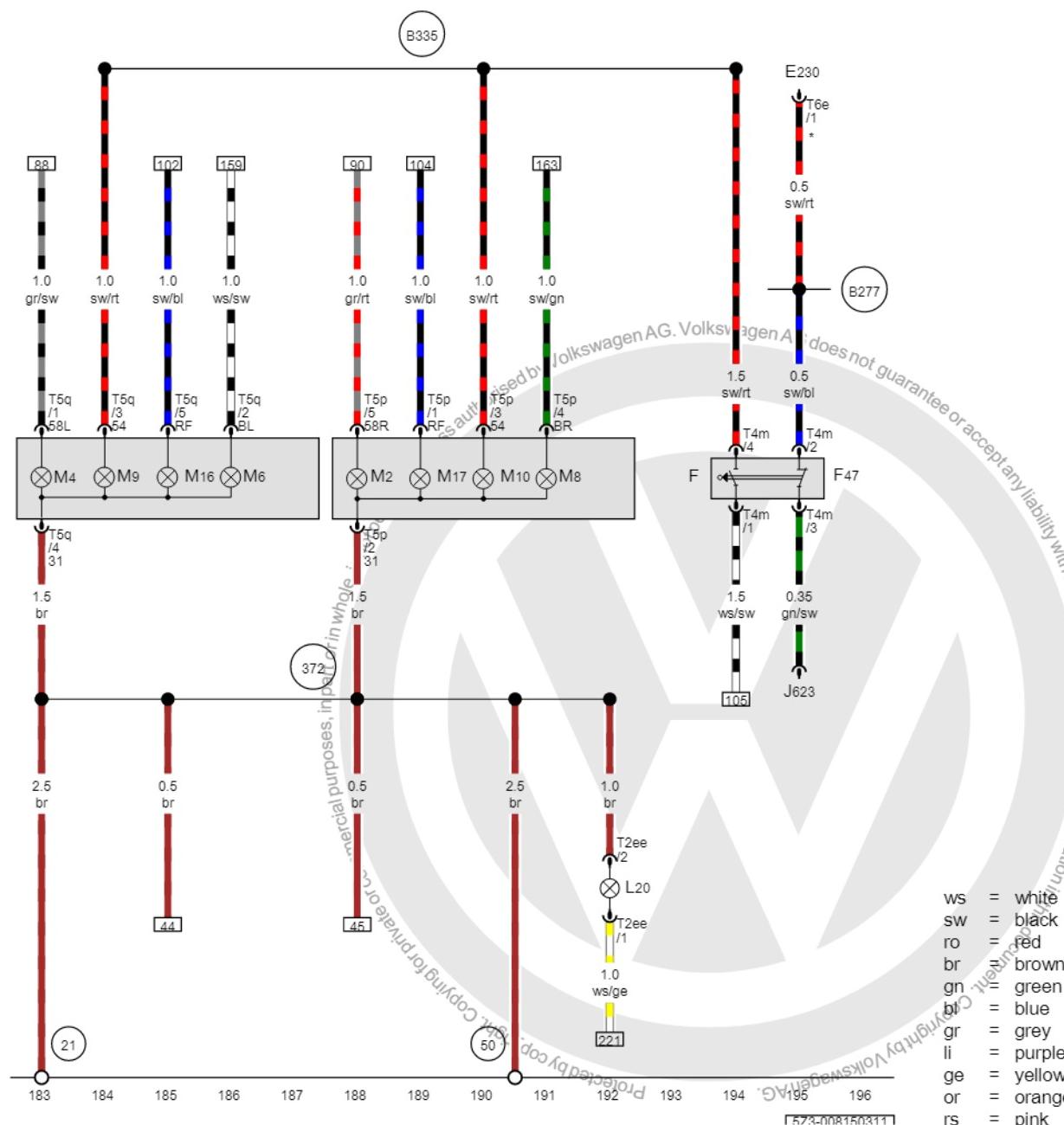
ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink



Left fog light bulb, Right fog light bulb, Left main beam headlight and fog light bulb, Right main beam headlight and fog light bulb

- L22 Left fog light bulb
- L23 Right fog light bulb
- M94 Left main beam headlight and fog light bulb
- M95 Right main beam headlight and fog light bulb
- T2aq 2-pin connector
- T2y 2-pin connector
- T4am 4-pin connector
- T4an 4-pin connector
- 381 Earth connection 16, in main wiring harness
- 671 Earth point 1, on front of left longitudinal member
- B554 Connection (fog light), in main wiring harness
- * Only CROSS models

ws	= white
sw	= black
ro	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
ge	= yellow
or	= orange
rs	= pink

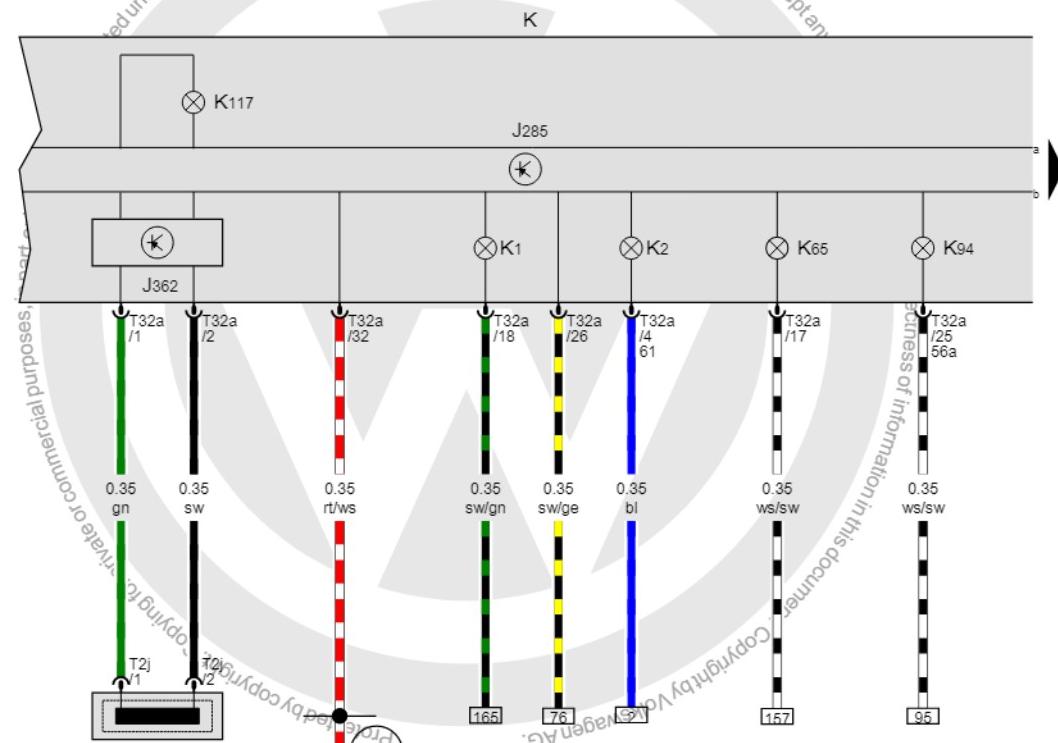


Brake light switch, Right tail light bulb, Left tail light bulb, Rear left turn signal bulb, Rear right turn signal bulb, Left brake light bulb, Right brake light bulb, Left reversing light bulb, Right reversing light bulb

- E230 Heated rear window button
- F Brake light switch
- F47 Brake pedal switch
- J623 Engine control unit
- L20 Rear fog light bulb
- M2 Right tail light bulb
- M4 Left tail light bulb
- M6 Rear left turn signal bulb
- M8 Rear right turn signal bulb
- M9 Left brake light bulb
- M10 Right brake light bulb
- M16 Left reversing light bulb
- M17 Right reversing light bulb
- T2ee 2-pin connector
- T4m 4-pin connector
- T5p 5-pin connector
- T5q 5-pin connector
- T6e 6-pin connector
- 21 Earth point, near fuel pump
- 50 Earth point, on left in luggage compartment
- 372 Earth connection 7, in main wiring harness
- B277 Positive connection 1 (15a) in main wiring harness
- B335 Connection 1 (54), in main wiring harness

* Only models with rain and light sensor

ws	= white
sw	= black
ro	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
ge	= yellow
or	= orange
rs	= pink



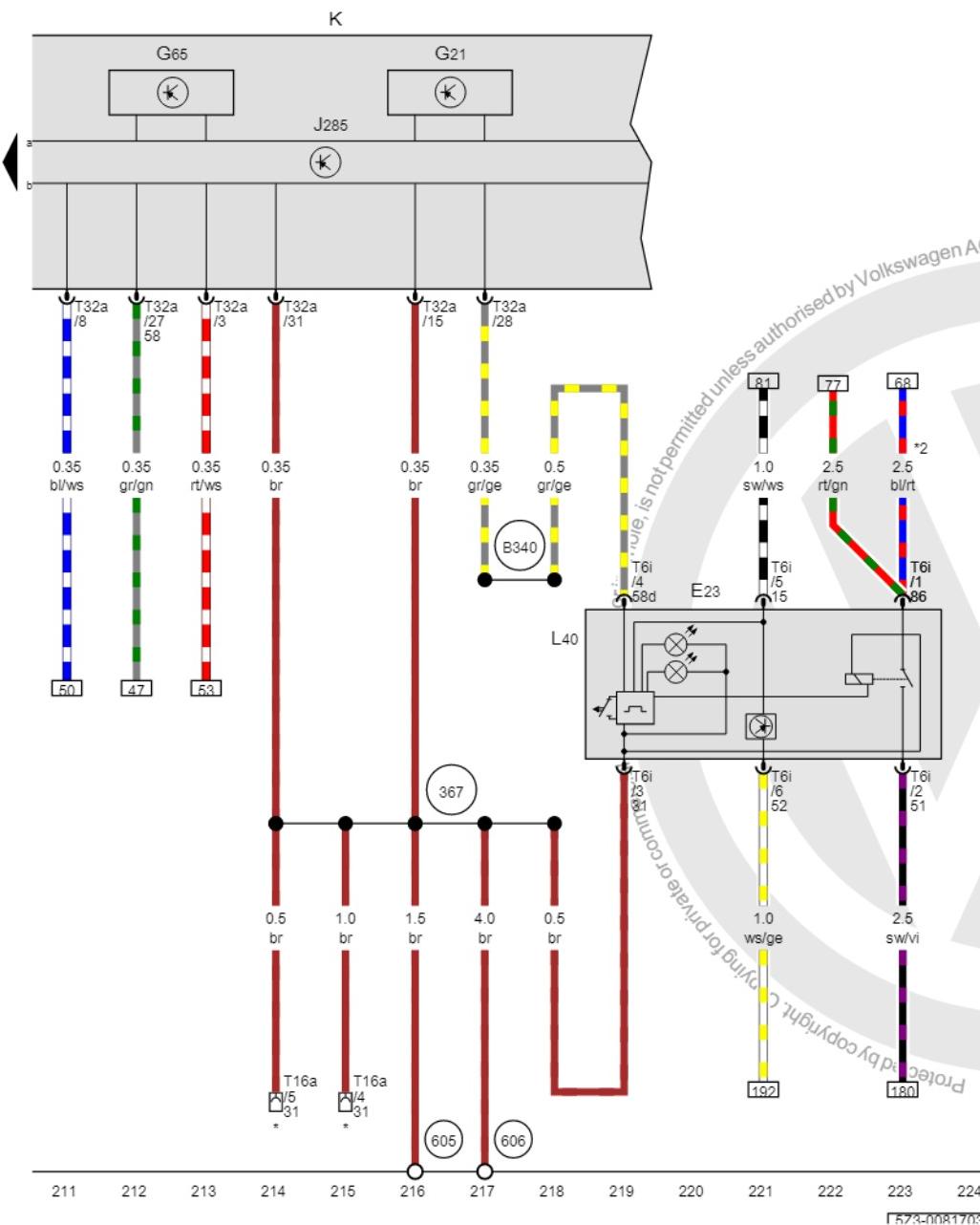
Immobiliser reader coil, Control unit in dash panel insert, Dash panel insert, Main beam warning lamp, Alternator warning lamp, Left turn signal warning lamp, Right turn signal warning lamp

D2 Immobiliser reader coil
J285 Control unit in dash panel insert
J362 Immobiliser control unit

K Dash panel insert
K1 Main beam warning lamp
K2 Alternator warning lamp
K65 Left turn signal warning lamp
K94 Right turn signal warning lamp
K117 Immobiliser warning lamp
T2j 2-pin connector
T32a 32-pin connector

(B321) Positive connection 7 (30a) in main wiring harness

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink



Front and rear fog light switch, Speedometer, High-pressure sender, Control unit in dash panel insert, Dash panel insert, Front and rear fog light switch illumination bulb

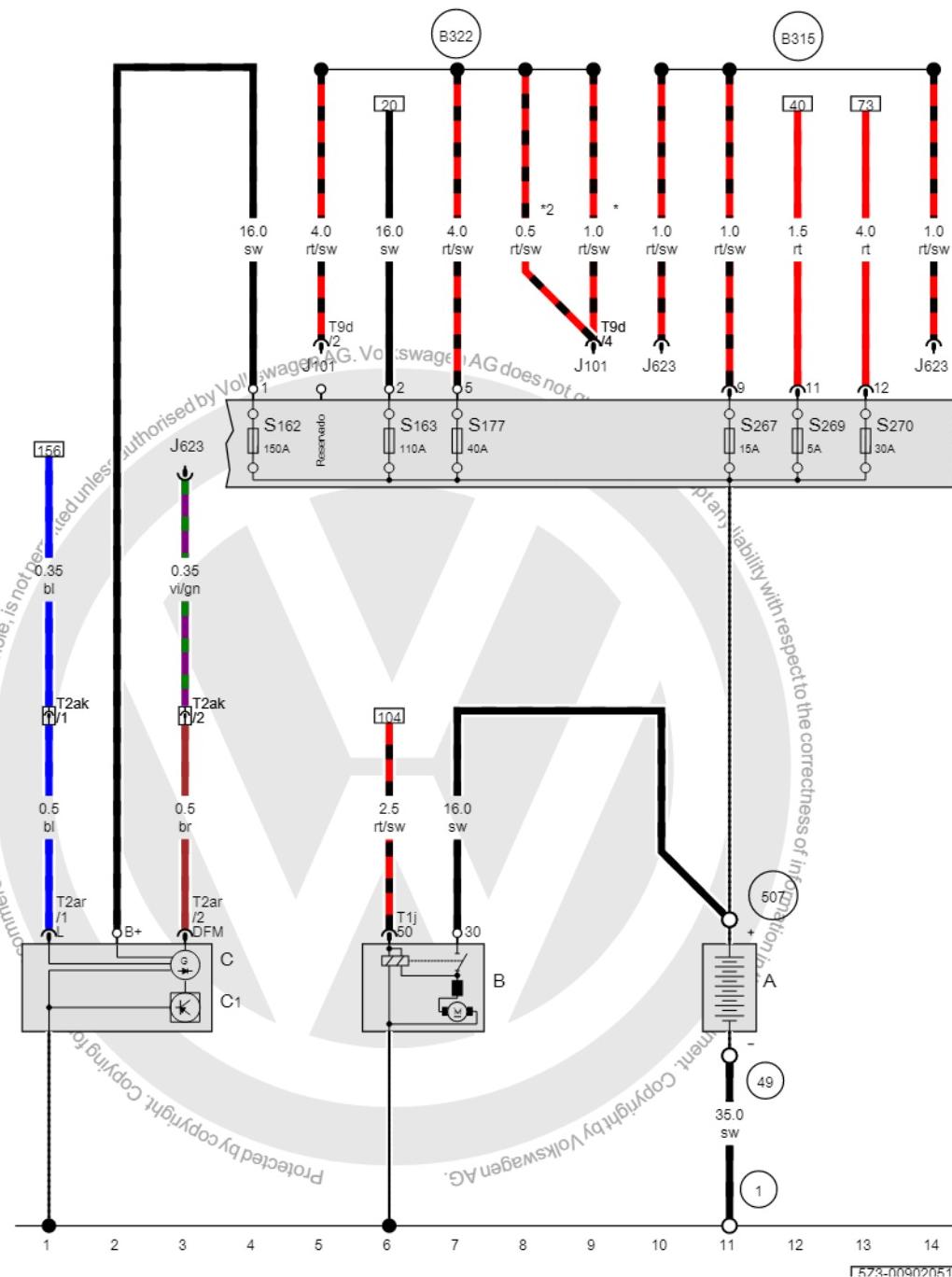
- | | |
|--|---|
| E23 | Front and rear fog light switch |
| G21 | Speedometer |
| G65 | High-pressure sender |
| J285 | Control unit in dash panel insert |
| K | Dash panel insert |
| L40 | Front and rear fog light switch illumination bulb |
| T6i | 6-pin connector |
| T16a | 16-pin connector |
| T32a | 32-pin connector |
|  367 | Earth connection 2, in main wiring harness |
|  605 | Earth point, on top end of steering column |
|  606 | Earth point, under the centre console near gear s |
|  B340 | Connection 1 (58d), in main wiring harness |
| *
*2 | Diagnostic connection
Only CROSS models |

ws	= white
sw	= black
ro	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
ge	= yellow
or	= orange
rs	= pink

Automated manual gearbox , CCRA,CFZA

From August 2009





Battery, Starter, Alternator, Voltage regulator

- A Battery
 - B Starter
 - C Alternator
 - C1 Voltage regulator
 - J101 Radiator fan 2nd speed relay
 - J623 Engine control unit
 - S162 Fuse 1 (30), in battery fuse holder
 - S163 Fuse 2 (30), in battery fuse holder
 - S177 Fuse 5 (30), in battery fuse holder
 - S267 Fuse 9 (30), in battery fuse holder
 - S269 Fuse 11 (30), in battery fuse holder
 - S270 Fuse 12 (30), in battery fuse holder
 - T2ak 2-pin connector, in engine compartment
 - T2ar 2-pin connector
 - T9d 9-pin connector

1 Earth strap, battery - body

49 Earth point, near ..., near battery

507 Threaded connection (30), on battery fuse holder

B315 Positive connection 1 (30a) in main wiring harness

B322 Positive connection 8 (30a) in main wiring harness

* From July 2010

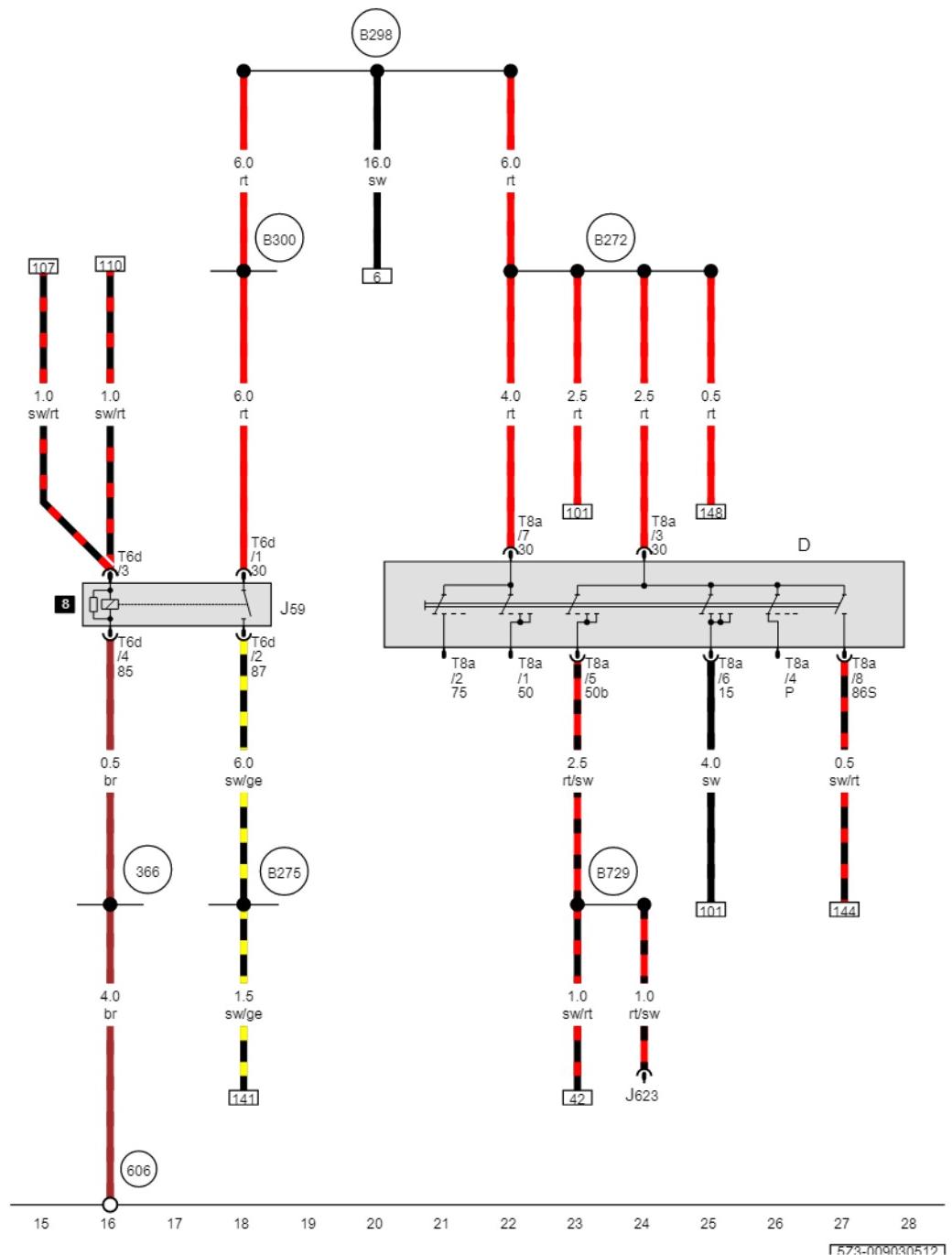
*2 Up to July 2010

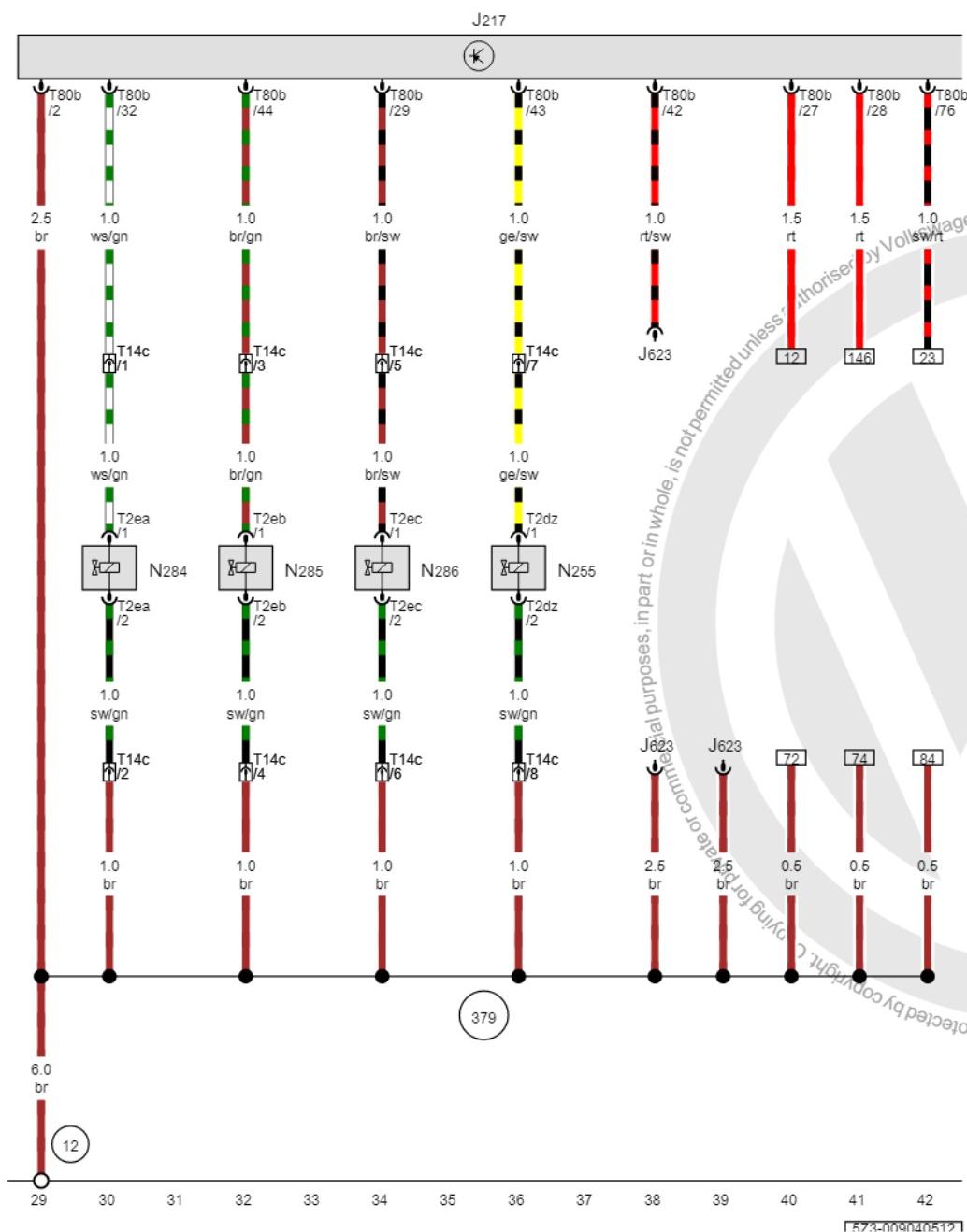
ws	= white
sw	= black
ro	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
ge	= yellow
or	= orange
rs	= pink

Ignition/starter switch, X-contact relief relay

D Ignition/starter switch
 J59 X-contact relief relay
 J623 Engine control unit
 T6d 6-pin connector
 T8a 8-pin connector

- 366 Earth connection 1, in main wiring harness
- 606 Earth point, under the centre console near gear stick
- B272 Positive connection (30), in main wiring harness
- B275 Positive connection (87), in main wiring harness
- B298 Positive connection 2 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B729 Connection 1 (50), in main wiring harness





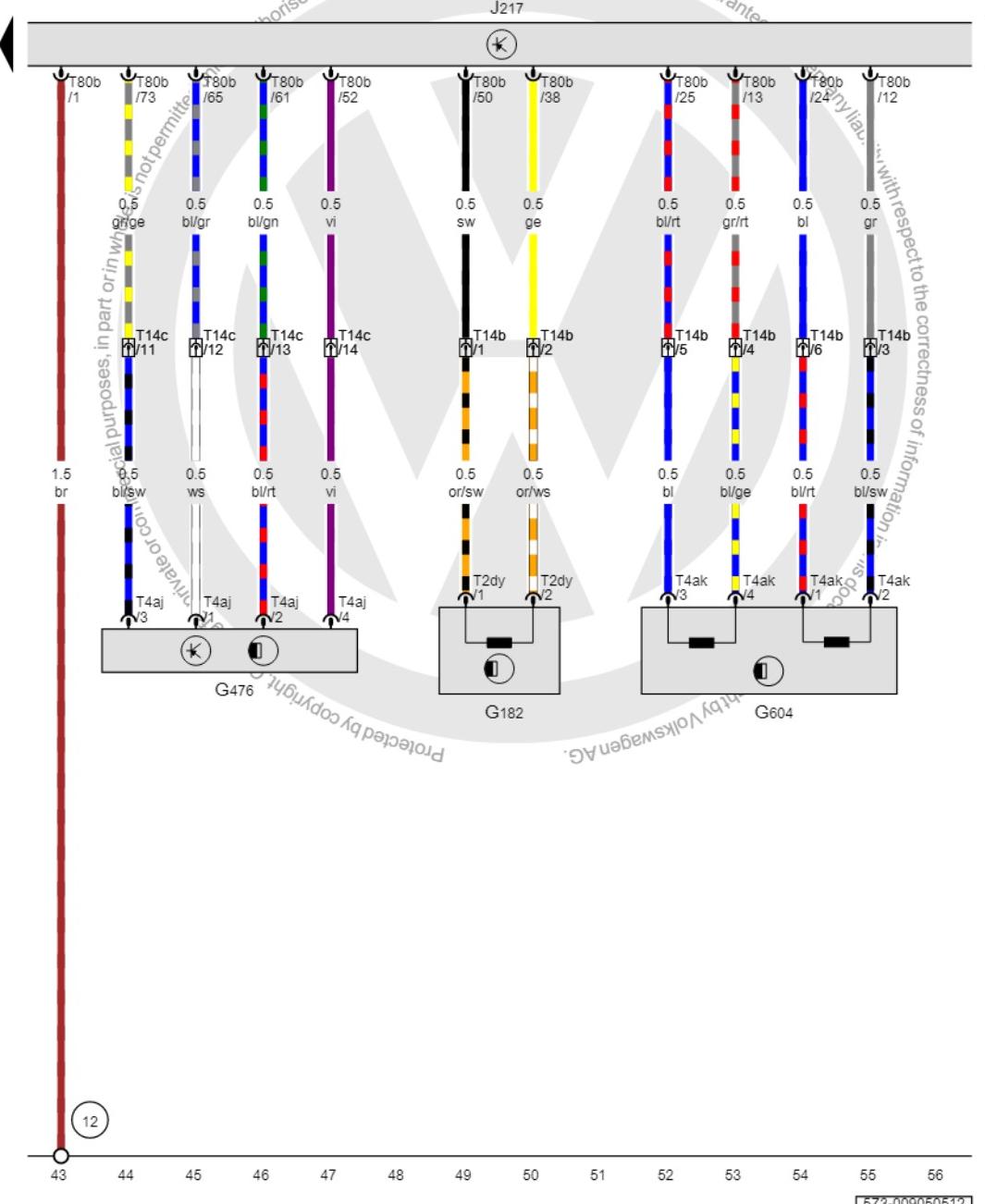
Automatic gearbox control unit, Clutch actuator valve,
Selector lever valve 1, Selector lever valve 2, Selector lever
valve 3

- J217 Automatic gearbox control unit
 - J623 Engine control unit
 - N255 Clutch actuator valve
 - N284 Selector lever valve 1
 - N285 Selector lever valve 2
 - N286 Selector lever valve 3
 - T2dz 2-pin connector
 - T2ea 2-pin connector
 - T2eb 2-pin connector
 - T2ec 2-pin connector
 - T14c 14-pin connector, under cover for selector mechanism
 - T80b 80-pin connector

12 Earth point, on left in engine compartment

379 Earth connection 14, in main wiring harness

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink



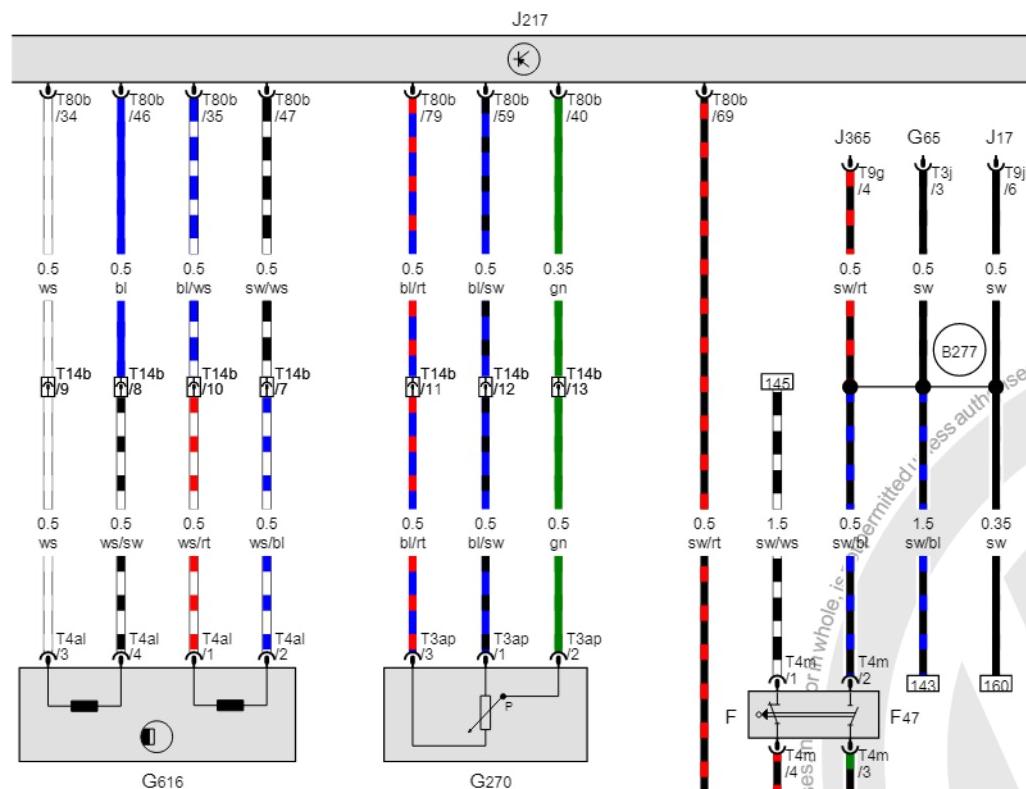
Gearbox input speed sender, Clutch position sender, Gear detection sensor, Automatic gearbox control unit

- G182 Gearbox input speed sender
- G476 Clutch position sender
- G604 Gear detection sensor
- J217 Automatic gearbox control unit
- T2dy 2-pin connector
- T4aj 4-pin connector
- T4ak 4-pin connector
- T14b 14-pin connector, under cover for selector mechanism
- T14c 14-pin connector, under cover for selector mechanism
- T80b 80-pin connector

12 Earth point, on left in engine compartment

Brake light switch, Brake pedal switch, Gearbox hydraulic pressure sender, Sensor 2 for gear detection, Automatic gearbox control unit

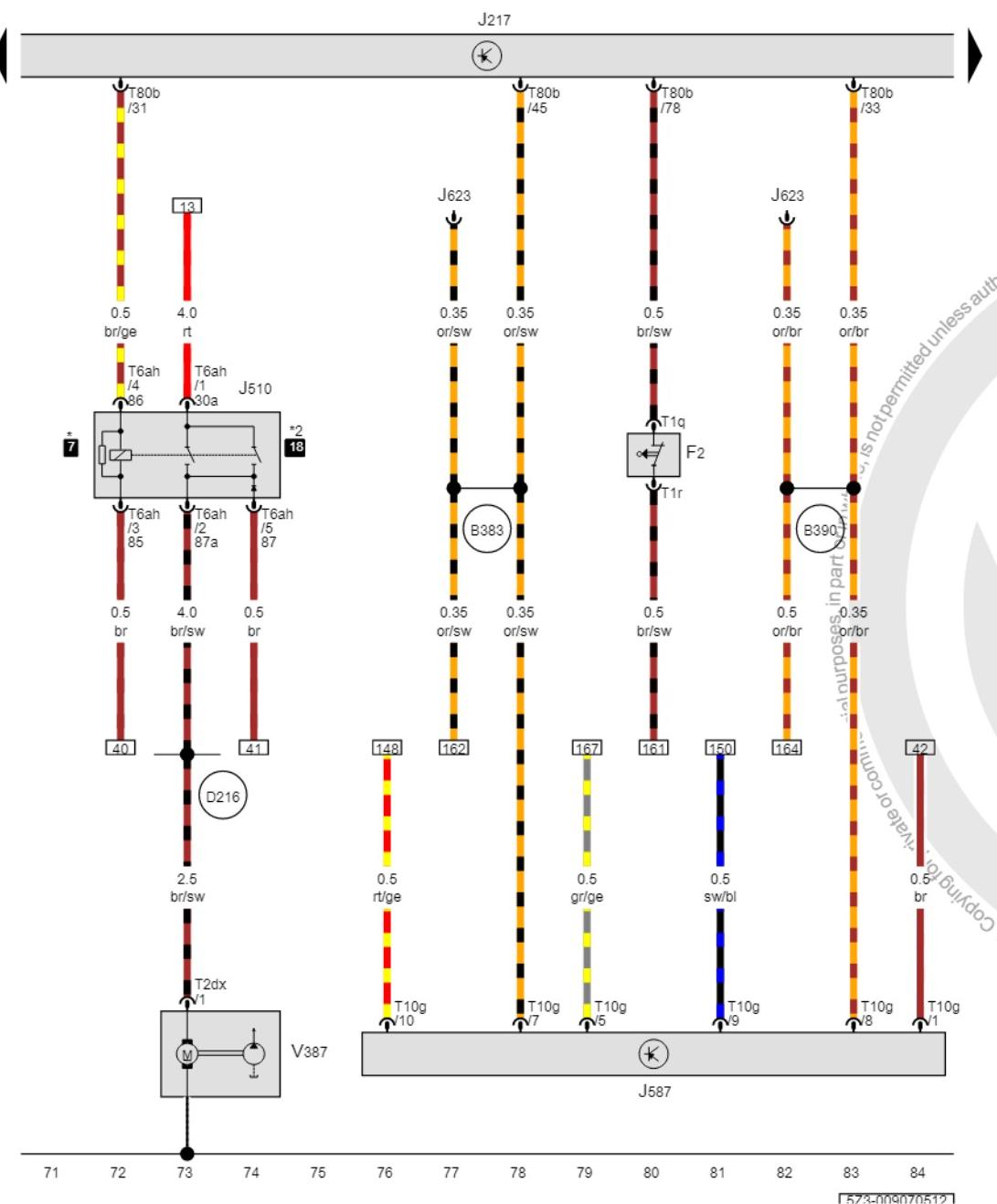
F	Brake light switch
F47	Brake pedal switch
G65	High-pressure sender
G270	Gearbox hydraulic pressure sender
G616	Sensor 2 for gear detection
J17	Fuel pump relay
J104	ABS control unit
J217	Automatic gearbox control unit
J365	Air conditioning system switch-off relay
J623	Engine control unit
T3ap	3-pin connector
T3j	3-pin connector
T4al	4-pin connector
T4m	4-pin connector
T9g	9-pin connector
T9j	9-pin connector
T14b	14-pin connector, under cover for selector mechanism
T38a	38-pin connector
T80b	80-pin connector
(B277)	Positive connection 1 (15a) in main wiring harness
(B335)	Connection 1 (54), in main wiring harness



ws = white
sw = black
ro = red
br = brown
gn = green
blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

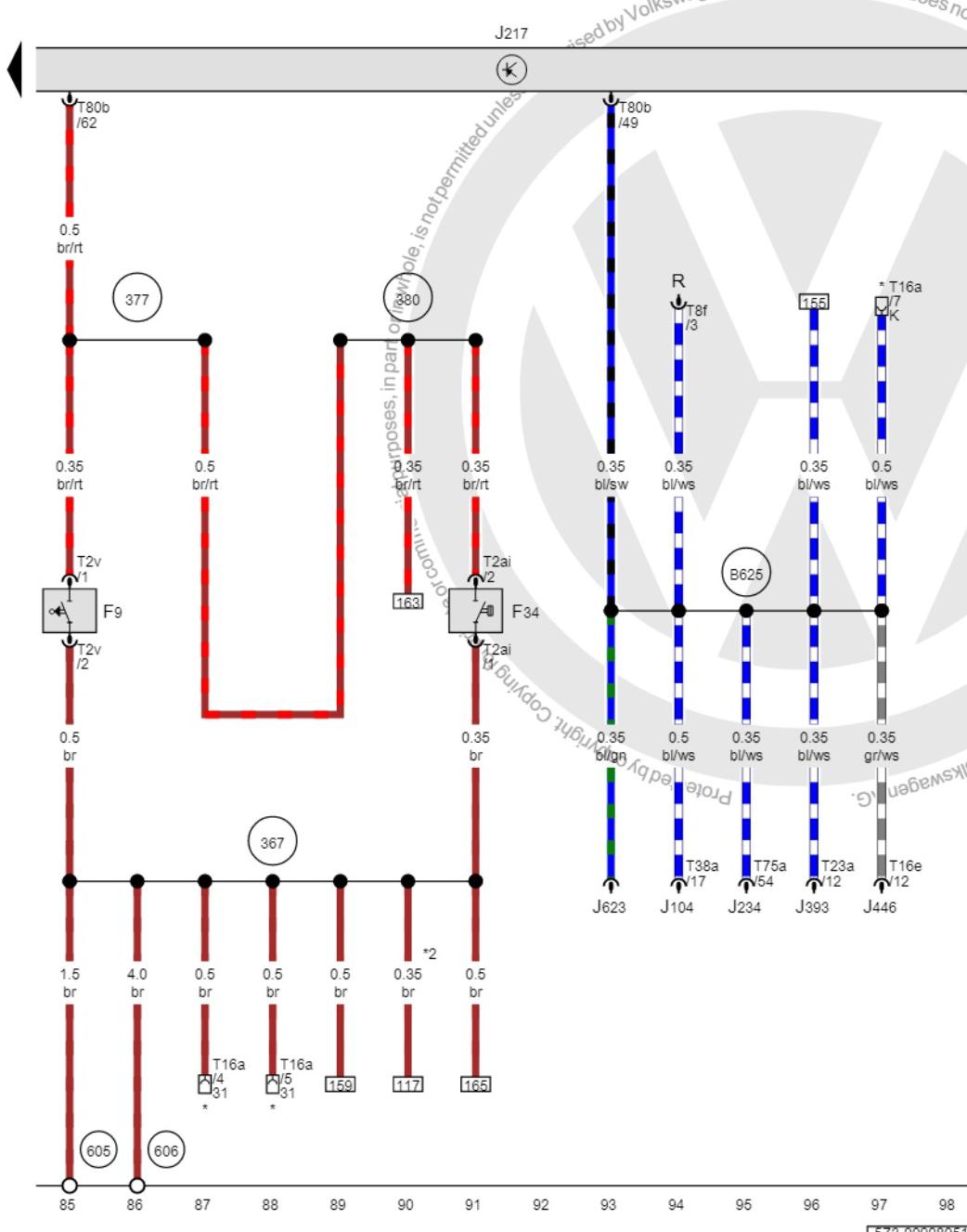
57 58 59 60 61 62 63 64 65 66 67 68 69 70

Driver door contact switch, Automatic gearbox control unit, Gearbox hydraulic pump relay, Selector lever sensors control unit, Hydraulic pump for gearbox



- F2 Driver door contact switch
 J217 Automatic gearbox control unit
 J510 Gearbox hydraulic pump relay
 J587 Selector lever sensors control unit
 J623 Engine control unit
 T1q Single connector
 T1r Single connector
 T2dx 2-pin connector
 T6ah 6-pin connector
 T10g 10-pin connector
 T80b 80-pin connector
 V387 Hydraulic pump for gearbox
- (B383) Connection 1 (powertrain CAN bus, high), in main wiring harness
 (B390) Connection 1 (powertrain CAN bus, low), in main wiring harness
 (D216) Connection (hydraulic pump warning lamp), in main wiring harness
- * From October 2011
 *2 Up to October 2011

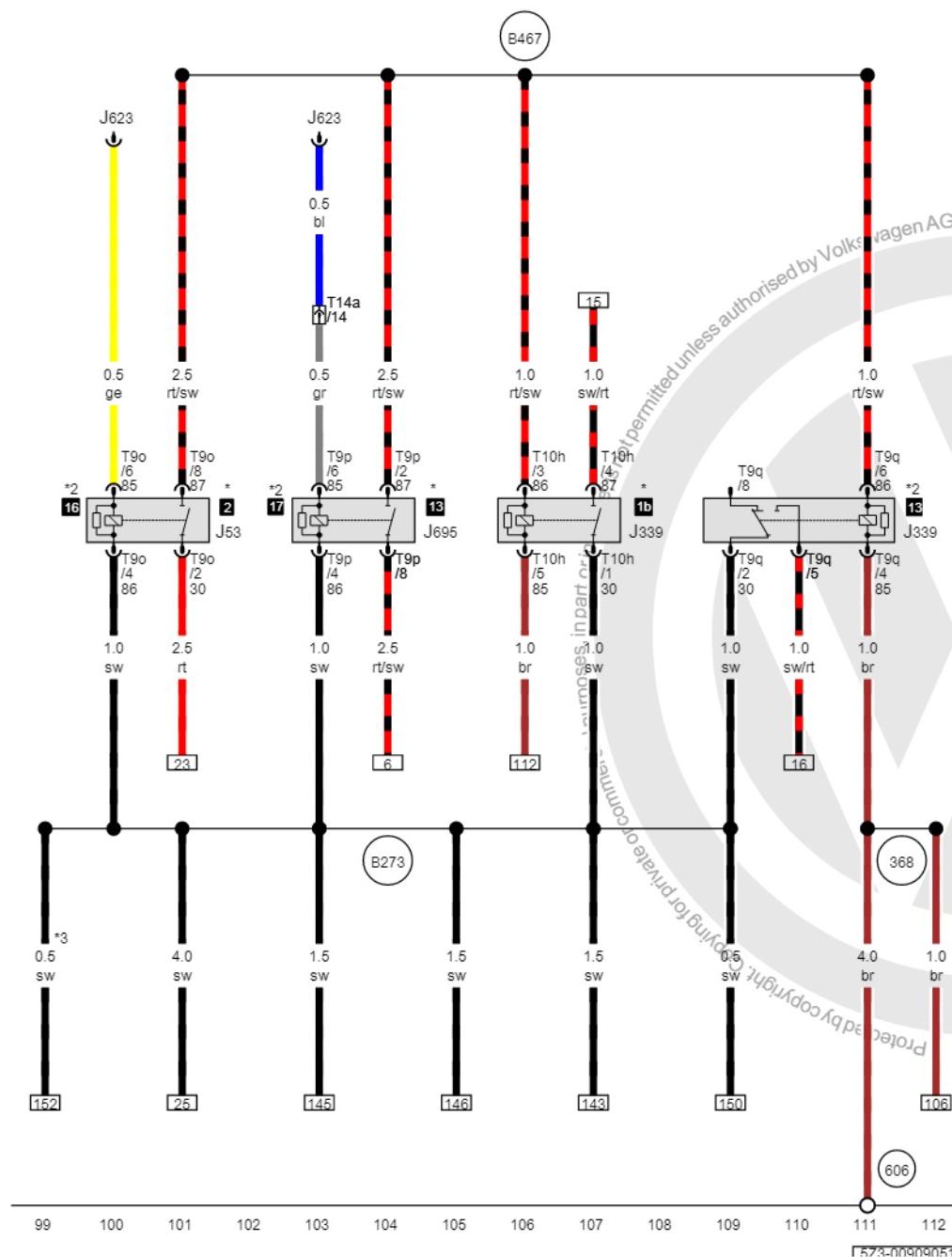
ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink



Handbrake warning switch, Brake fluid level warning contact, Automatic gearbox control unit

- F9 Handbrake warning switch
- F34 Brake fluid level warning contact
- J104 ABS control unit
- J217 Automatic gearbox control unit
- J234 Airbag control unit
- J393 Convenience system central control unit
- J446 Parking aid control unit
- J623 Engine control unit
- R Radio
- T2ai 2-pin connector
- T2v 2-pin connector
- T8f 8-pin connector
- T16a 16-pin connector
- T16e 16-pin connector
- T23a 23-pin connector
- T38a 38-pin connector
- T75a 75-pin connector
- T80b 80-pin connector
- 367 Earth connection 2, in main wiring harness
- 377 Earth connection 12, in main wiring harness
- 380 Earth connection 15, in main wiring harness
- 605 Earth point, on top end of steering column
- 606 Earth point, under the centre console near gear stick
- B625 Connection (K-diagnosis wire), in main wiring harness
- * Diagnostic connection
- *2 Only models with operating unit for radio

ws	= white
sw	= black
ro	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
ge	= yellow
or	= orange
rs	= pink



Starter motor relay, X contact relief relay 2, Starter motor relay 2

J53 Starter motor relay
 J339 X contact relief relay 2
 J623 Engine control unit
 J695 Starter motor relay 2
 T9o 9-pin connector
 T9p 9-pin connector
 T9q 9-pin connector
 T10h 10-pin connector
 T14a 14-pin connector, on left in engine compartment

368 Earth connection 3, in main wiring harness

606 Earth point, under the centre console near gear stick

B273 Positive connection (15), in main wiring harness

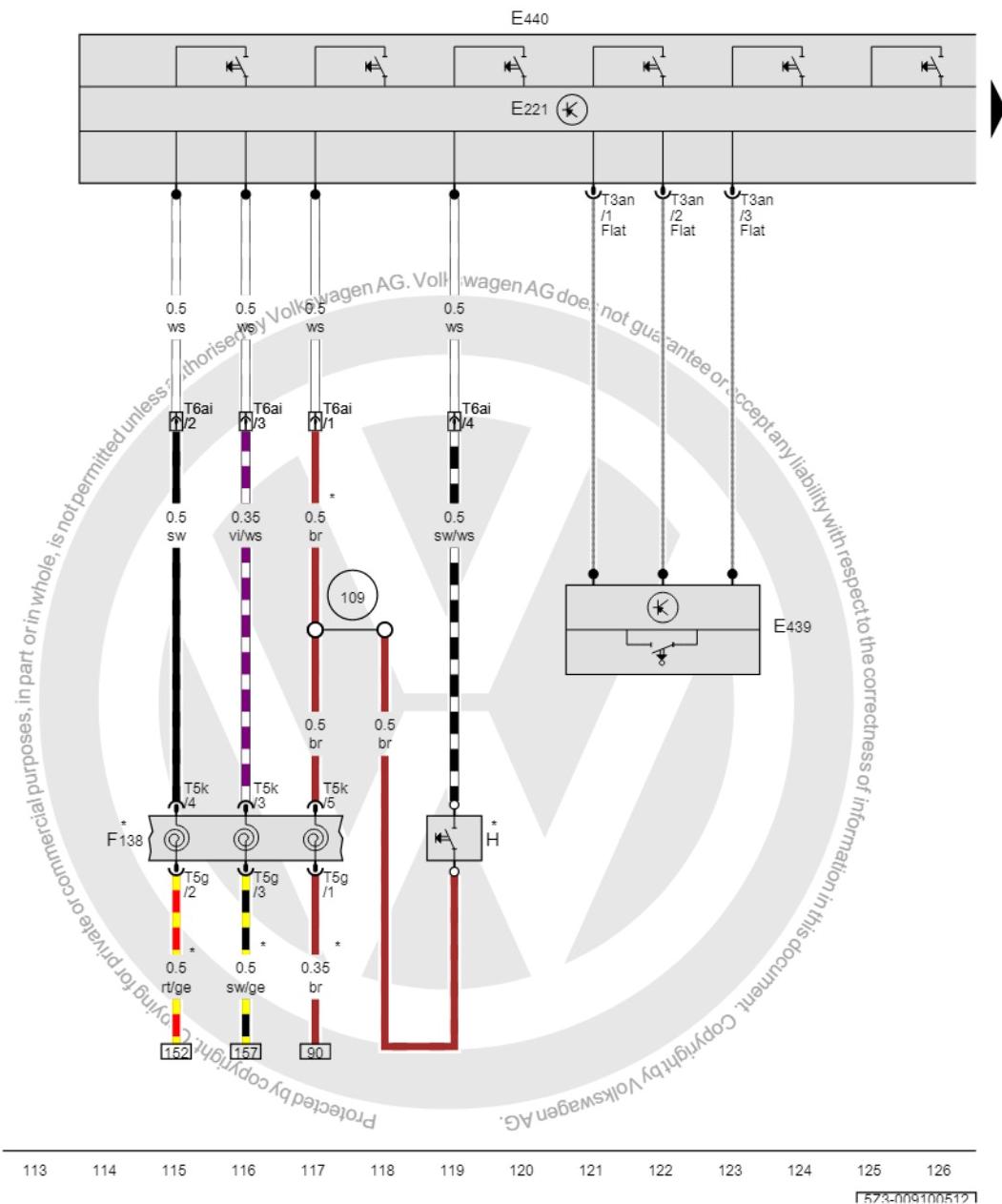
B467 Connection 3, in main wiring harness

* From October 2011

*2 Up to October 2011

*3 Only models with operating unit for radio

ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink



Operating unit in steering wheel, Tiptronic switch in steering wheel to shift down, Multifunction buttons on left in steering wheel, Airbag coil connector and return ring with slip ring, Horn plate

- E221 Operating unit in steering wheel
- E439 Tiptronic switch in steering wheel to shift down
- E440 Multifunction buttons on left in steering wheel
- F138 Airbag coil connector and return ring with slip ring
 - H Horn plate
- T3an 3-pin connector
- T5g 5-pin connector
- T5k 5-pin connector
- T6al 6-pin connector

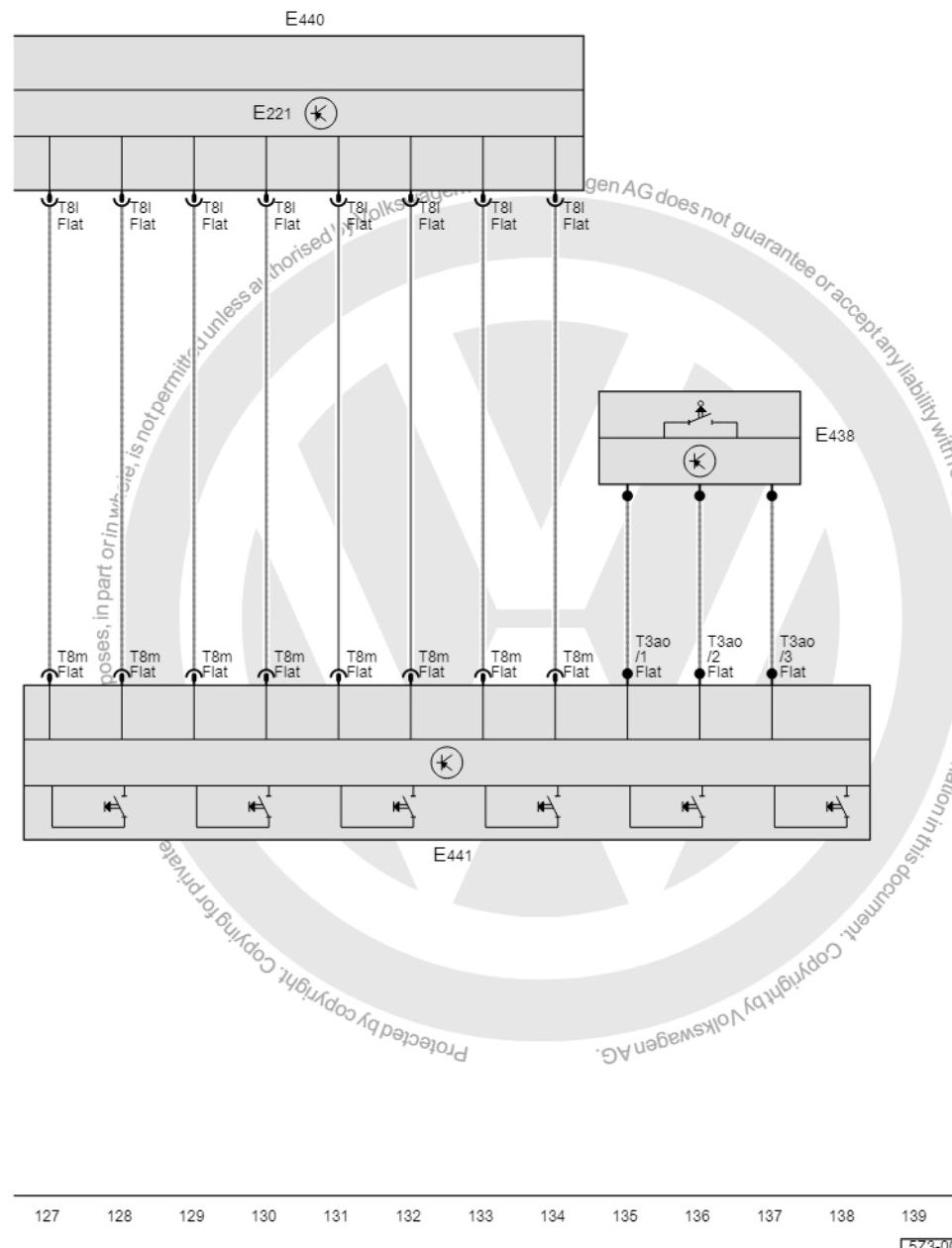
109 Earth connection, in airbag wiring harness

Only models with operating unit for radio

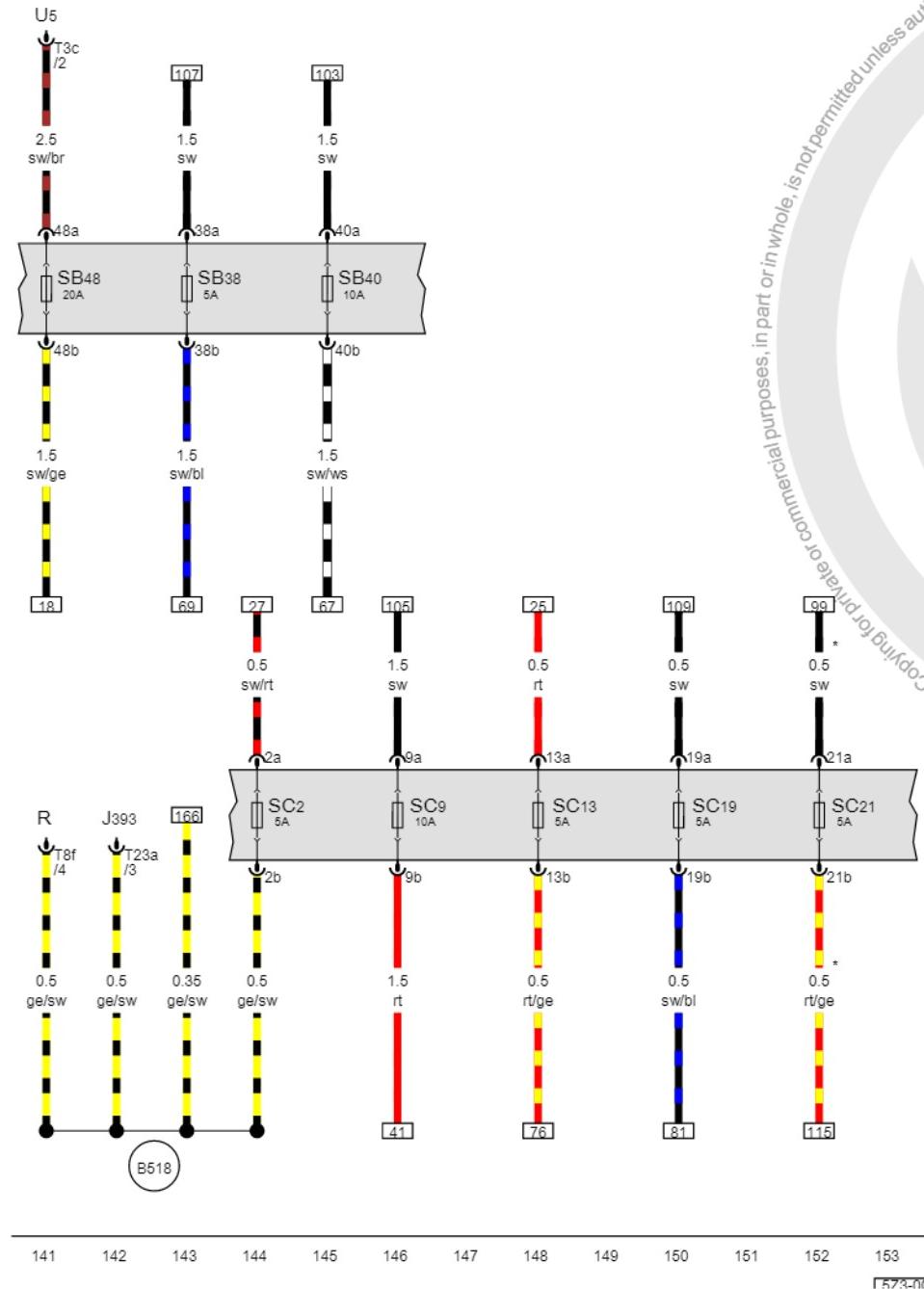
ws	= white
sw	= black
ro	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
ge	= yellow
or	= orange
rs	= pink

Operating unit in steering wheel, Tiptronic switch in steering wheel to shift up, Multifunction buttons on left in steering wheel, Multifunction buttons on right in steering wheel

- E221 Operating unit in steering wheel
- E438 Tiptronic switch in steering wheel to shift up
- E440 Multifunction buttons on left in steering wheel
- E441 Multifunction buttons on right in steering wheel
- T3ao 3-pin connector
- T8l 8-pin connector
- T8m 8-pin connector



- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink



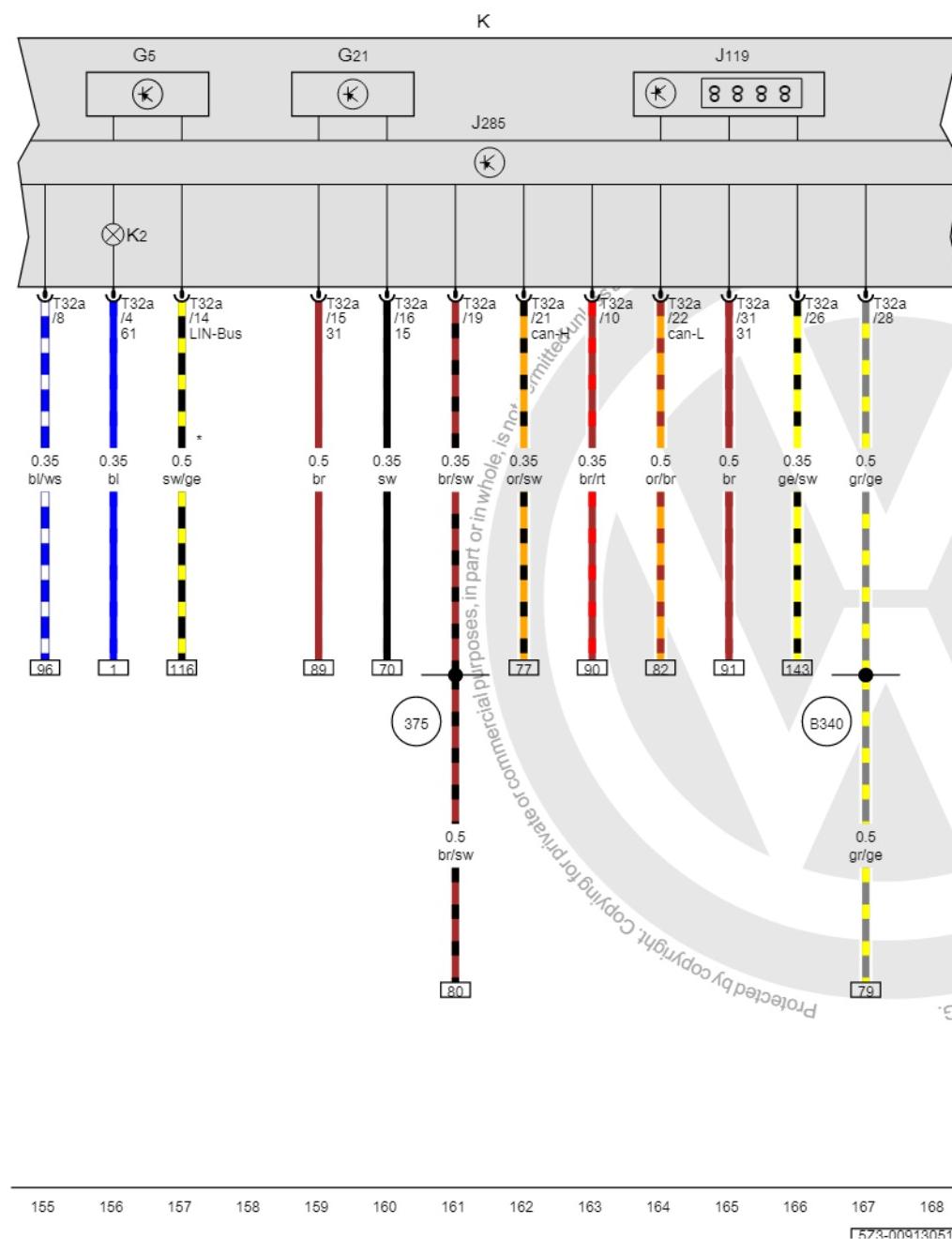
Fuse 2 on fuse holder C, Fuse 9 on fuse holder C, Fuse 13 on fuse holder C, Fuse 19 on fuse holder C, Fuse 21 on fuse holder C, Fuse 38 on fuse holder B, Fuse 40 on fuse holder B, Fuse 48 on fuse holder B

J393	Convenience system central control unit
R	Radio
SC2	Fuse 2 on fuse holder C
SC9	Fuse 9 on fuse holder C
SC13	Fuse 13 on fuse holder C
SC19	Fuse 19 on fuse holder C
SC21	Fuse 21 on fuse holder C
SB38	Fuse 38 on fuse holder B
SB40	Fuse 40 on fuse holder B
SB48	Fuse 48 on fuse holder B
T3c	3-pin connector
T8f	8-pin connector
T23a	23-pin connector
U5	12 V socket
B518	Connection (86s), in main wiring harness

* Only models with operating unit for radio

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

1573-0091205121



Rev. counter, Speedometer, Multifunction indicator, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp

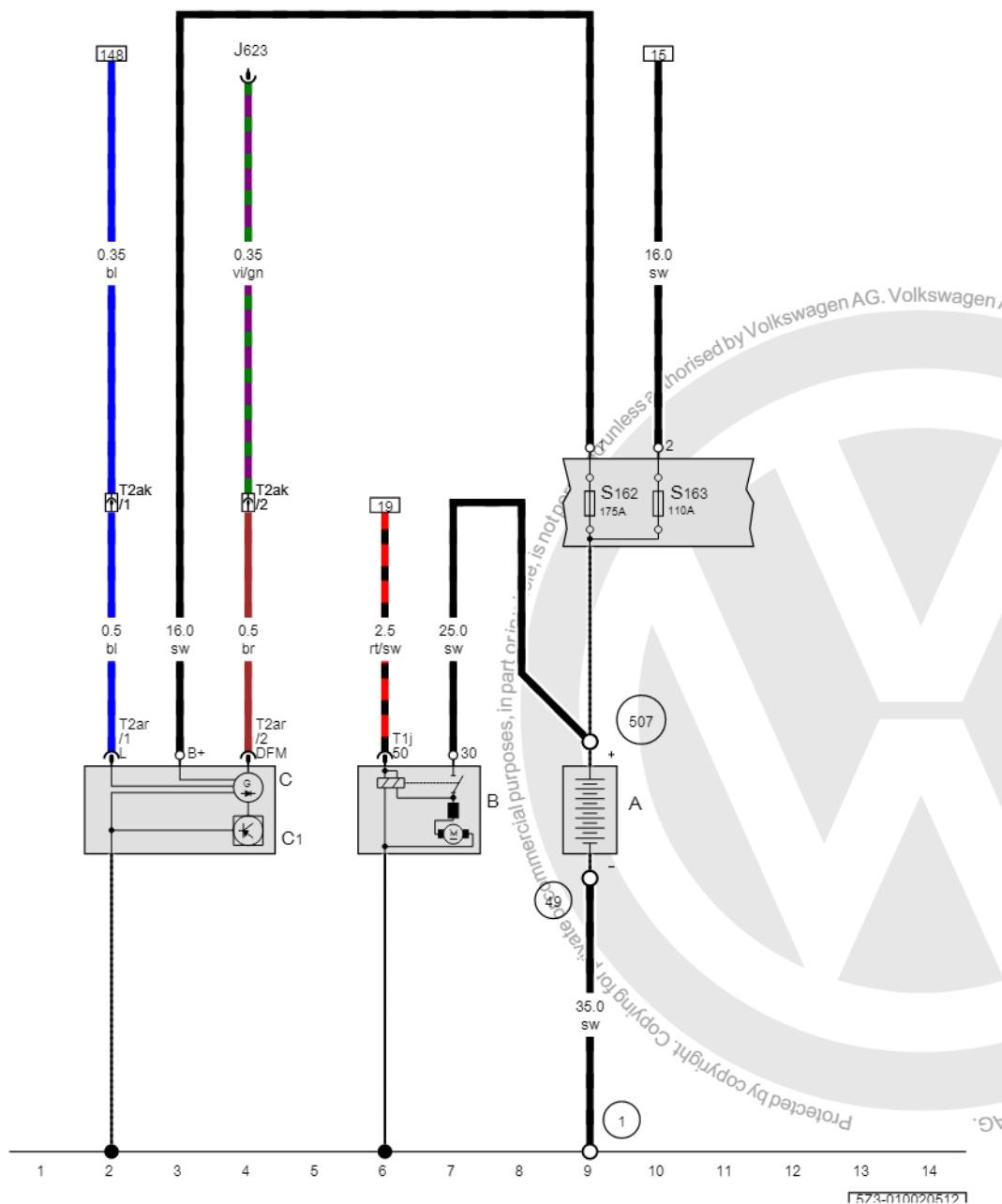
- G5 Rev. counter
- G21 Speedometer
- J119 Multifunction indicator
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- T32a 32-pin connector
- 375 Earth connection 10, in main wiring harness
- B340 Connection 1 (58d), in main wiring harness
- * Only models with operating unit for radio

Dual headlight

From August 2009



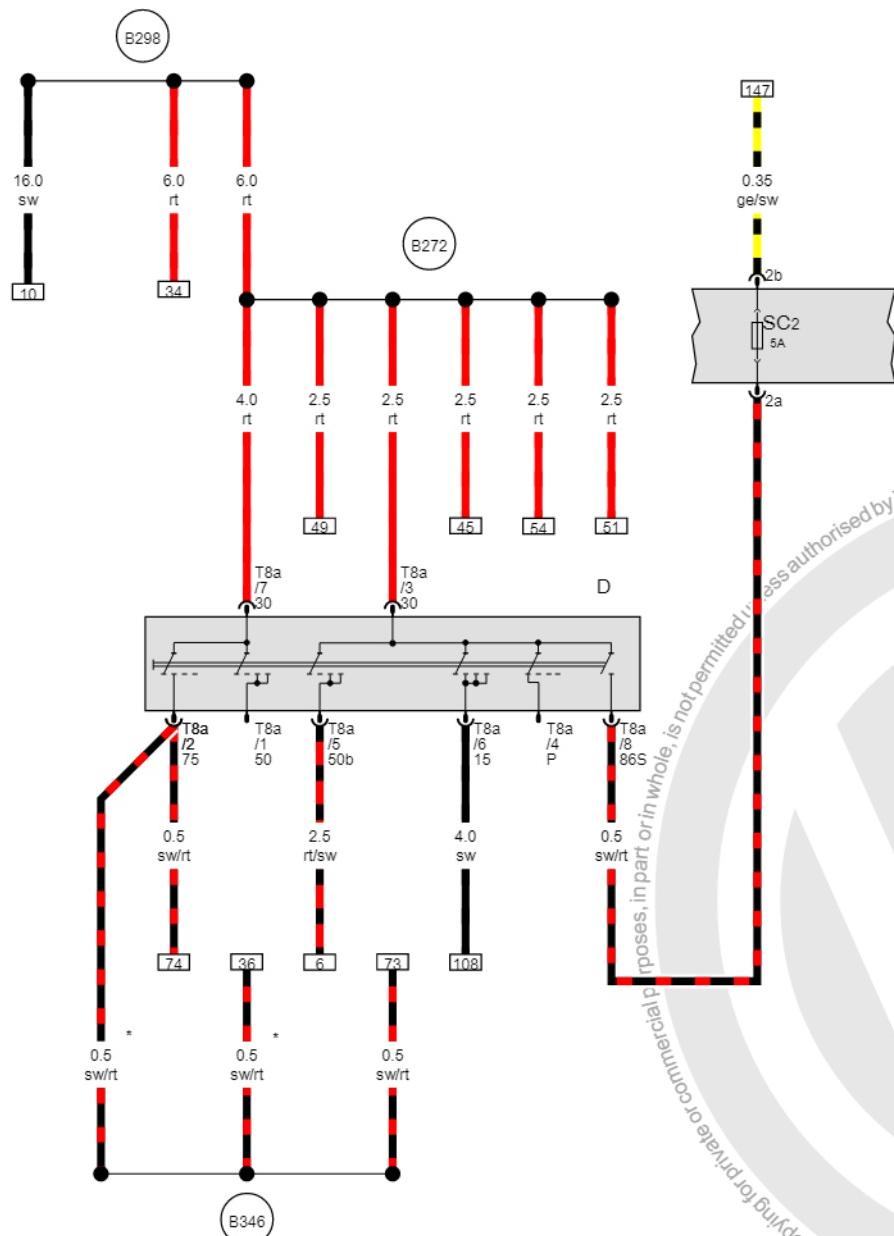
Battery, Starter, Alternator, Voltage regulator



- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- T2ak 2-pin connector, in engine compartment
- T2ar 2-pin connector
- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder

ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 pr = purple
 ge = yellow
 or = orange
 rs = pink

Protected by copyright. Copying prohibited. Volkswagen AG does not guarantee or accept any liability with respect to the correctness of information in this document. Volkswagen AG does not guarantee or accept any liability with respect to the correctness of information in this document. Volkswagen AG does not guarantee or accept any liability with respect to the correctness of information in this document. Volkswagen AG does not guarantee or accept any liability with respect to the correctness of information in this document.

**Ignition/starter switch**

D Ignition/starter switch
 SC2 Fuse 2 on fuse holder C
 T8a 8-pin connector

B272 Positive connection (30), in main wiring harness

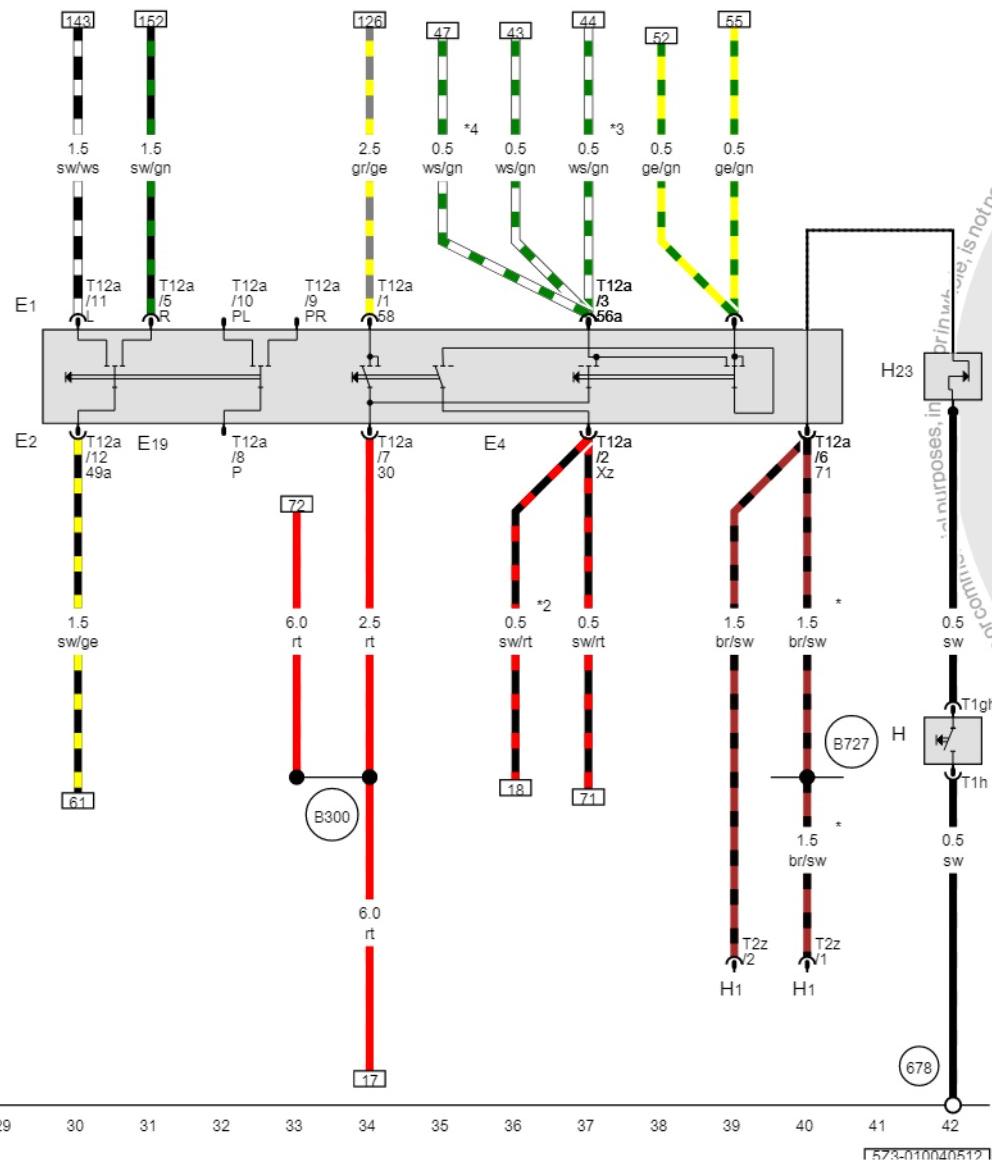
B298 Positive connection 2 (30), in main wiring harness

B346 Connection 1 (75), in main wiring harness

* From November 2009

ws	= white
sw	= black
ro	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
ge	= yellow
or	= orange
rs	= pink

Light switch, Turn signal switch, Headlight dipper and flasher switch, Parking light switch, Horn plate, Horn activation contact ring



- E1 Light switch
E2 Turn signal switch
E4 Headlight dipper and flasher switch
E19 Parking light switch
H Horn plate
H1 Horn or dual tone horn
H23 Horn activation contact ring
T1gh Single connector
T1h Single connector
T2z 2-pin connector
T12a 12-pin connector

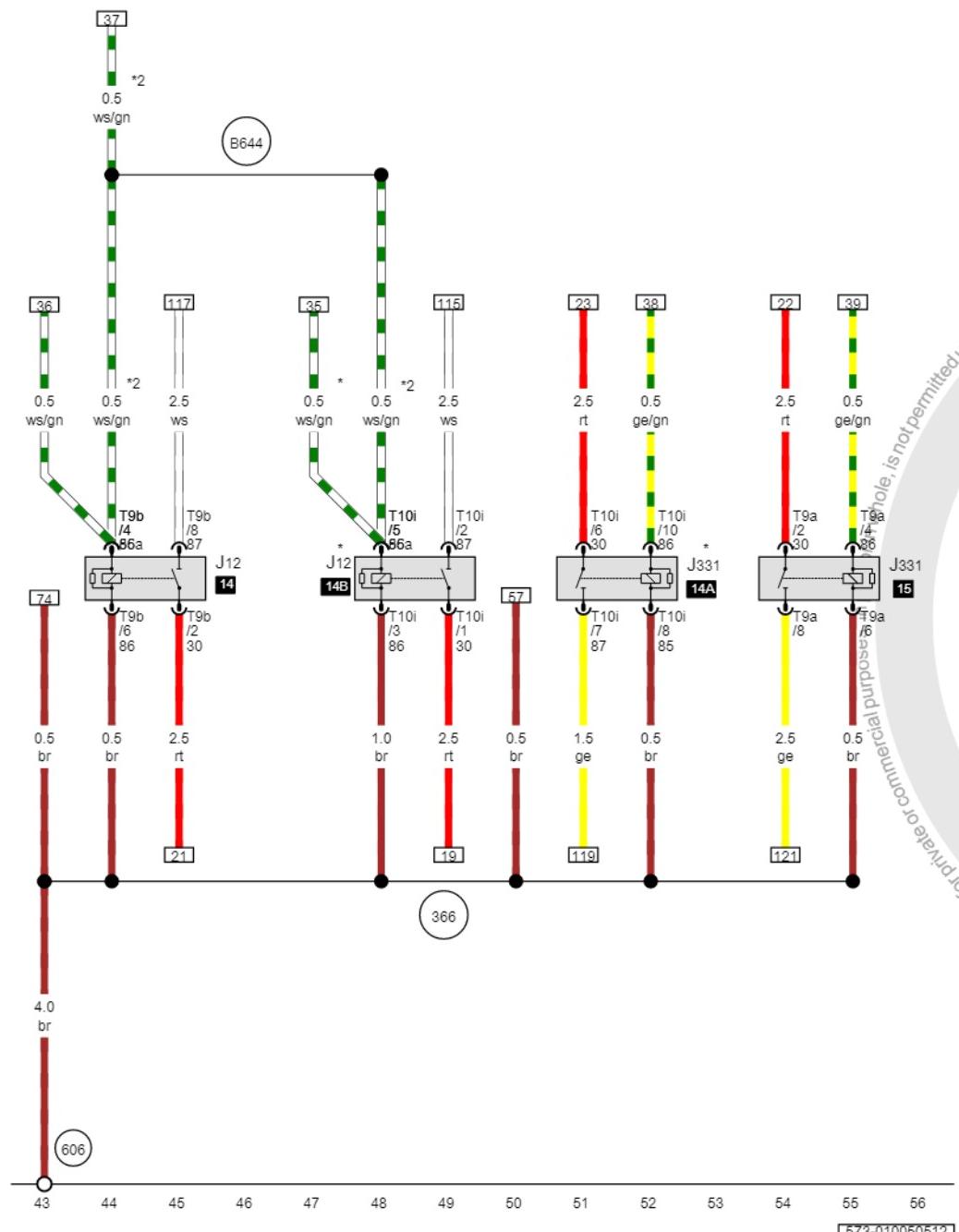
678 Earth point, on steering wheel

B300 Positive connection 4 (30), in main

B727 Connection (71a), in main wiring ha

* Only models with multifunction stee
*2 From November 2009
*3 Only CROSS models
*4 From October 2011

ws	= white
sw	= black
ro	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
ge	= yellow
or	= orange
rs	= pink



Headlight main beam relay, Dipped beam relay

J12 Headlight main beam relay

J331 Dipped beam relay

T9a 9-pin connector

T9b 9-pin connector

T10i 10-pin connector

366 Earth connection 1, in main wiring harness

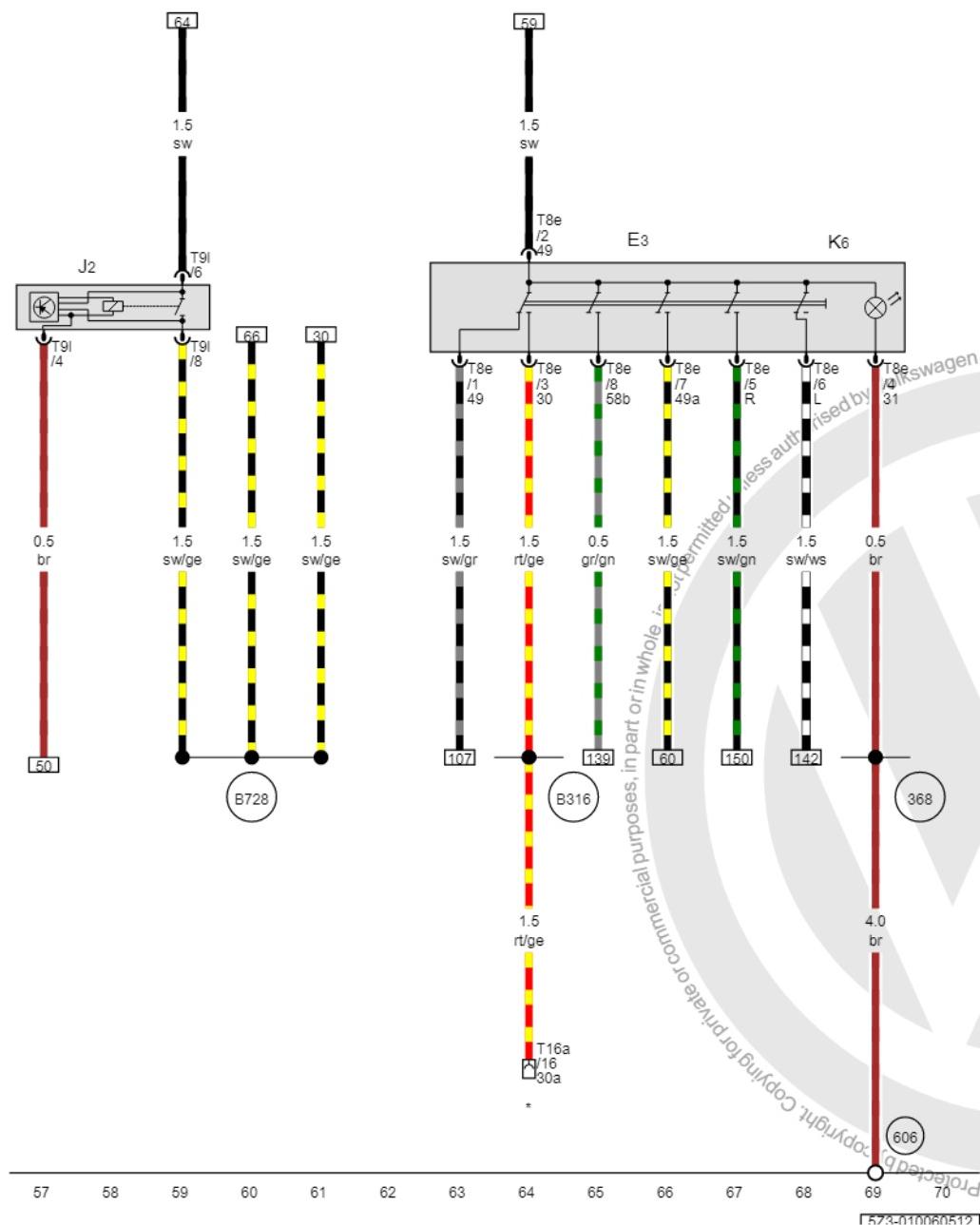
606 Earth point, under the centre console near gear stick

B644 Connection 3 (56a), in main wiring harness

* From October 2011

*² Only CROSS models

Hazard warning light switch, Hazard warning light relay,
Indicator lamp for hazard warning light



E3 Hazard warning light switch
J2 Hazard warning light relay
K6 Indicator lamp for hazard warning light
T8e 8-pin connector
T9I 9-pin connector
T16a 16-pin connector

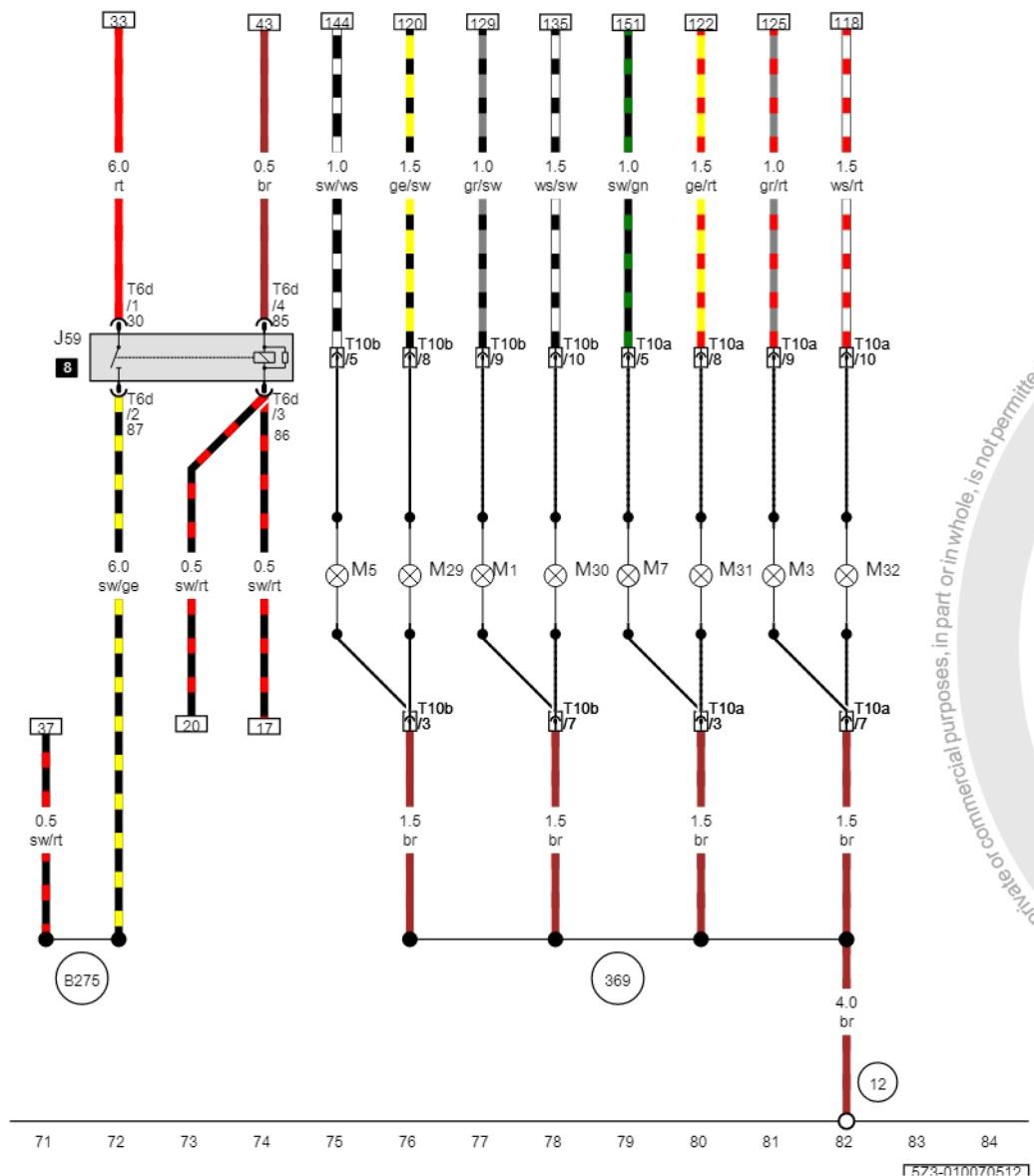
368 Earth connection 3, in main wiring harness
606 Earth point, under the centre console near gear stick
B316 Positive connection 2 (30a) in main wiring harness
B728 Connection (49a), in main wiring harness

Diagnostic connection

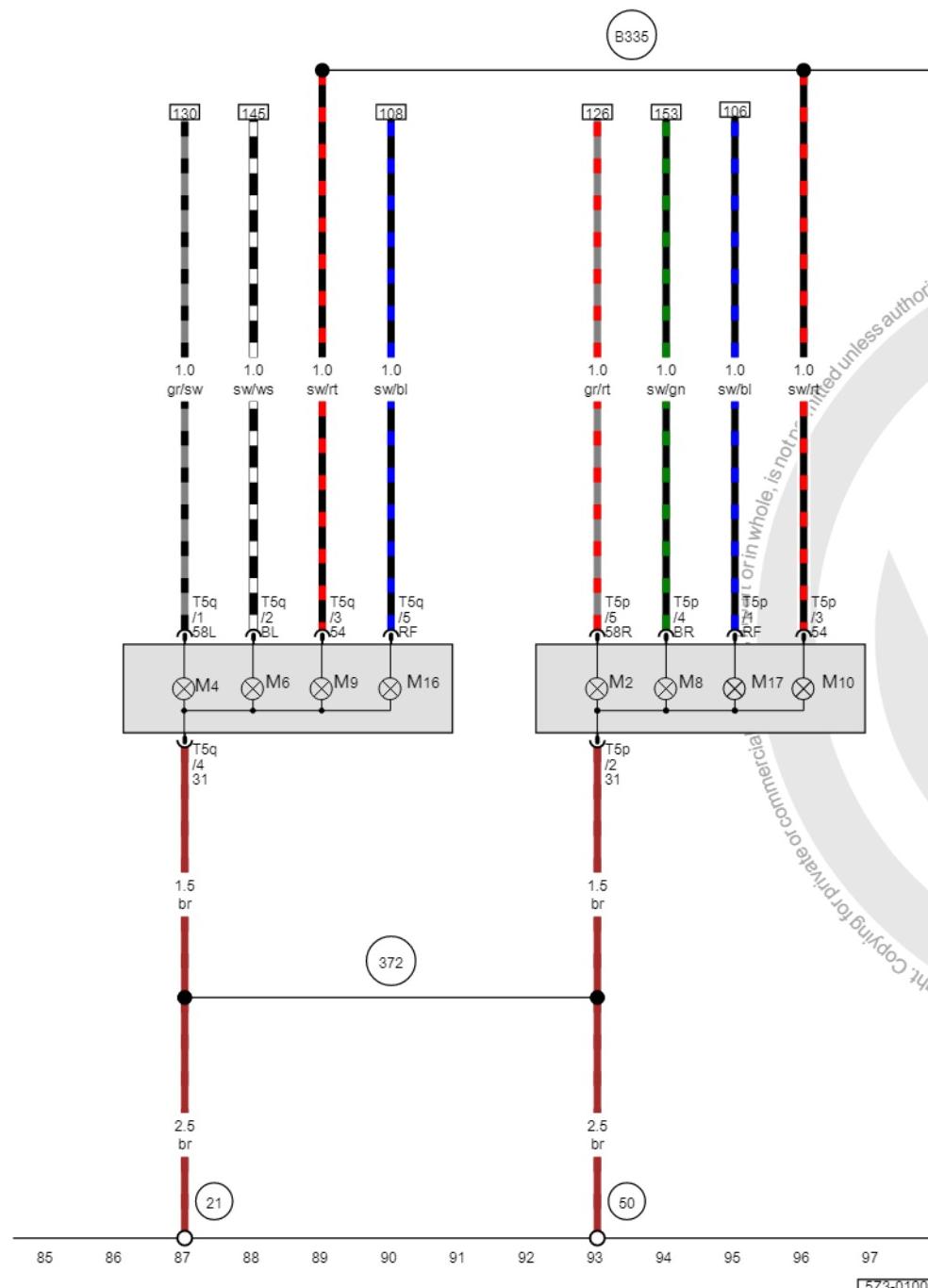
Protected by copyright. Copying or otherwise unauthorized use of this document is illegal.
Copyright by Volkswagen AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copying for private or commercial purposes, in part or in whole, is permitted only if explicitly permitted.

X-contact relief relay, Left side light bulb, Right side light bulb, Front left turn signal bulb, Front right turn signal bulb, Left headlight dipped beam bulb, Left headlight main beam bulb, Right headlight dipped beam bulb, Right headlight main beam bulb

- | | |
|------|--|
| J59 | X-contact relief relay |
| M1 | Left side light bulb |
| M3 | Right side light bulb |
| M5 | Front left turn signal bulb |
| M7 | Front right turn signal bulb |
| M29 | Left headlight dipped beam bulb |
| M30 | Left headlight main beam bulb |
| M31 | Right headlight dipped beam bulb |
| M32 | Right headlight main beam bulb |
| T6d | 6-pin connector |
| T10a | 10-pin connector |
| T10b | 10-pin connector |
| 12 | Earth point, on left in engine compartment |
| 369 | Earth connection 4, in main wiring harness |
| B275 | Positive connection (87), in main wiring harness |



1573-01000705121

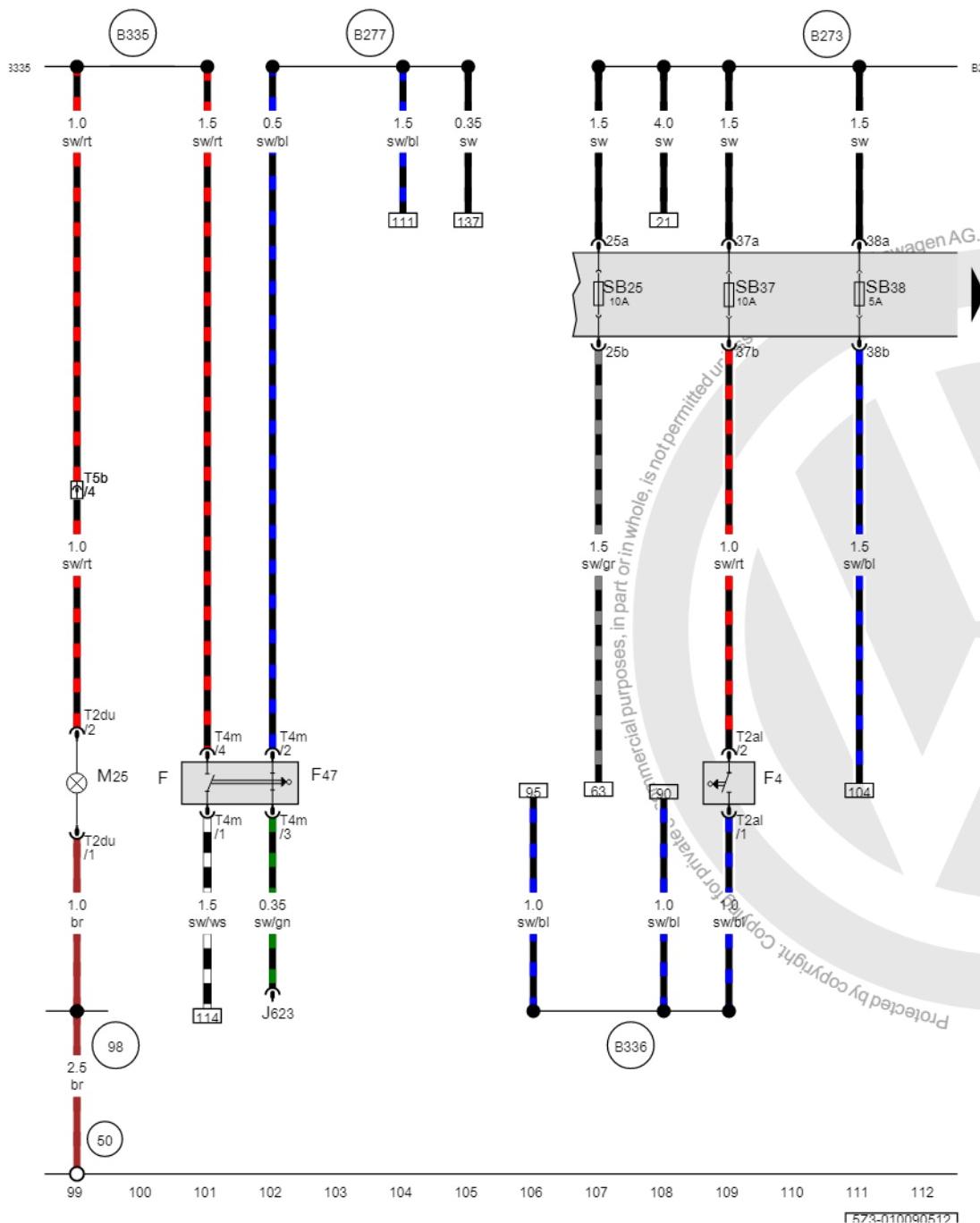


Right tail light bulb, Left tail light bulb, Rear left turn signal bulb, Rear right turn signal bulb, Left brake light bulb, Right brake light bulb, Left reversing light bulb, Right reversing light bulb

- | | |
|------|---|
| M2 | Right tail light bulb |
| M4 | Left tail light bulb |
| M6 | Rear left turn signal bulb |
| M8 | Rear right turn signal bulb |
| M9 | Left brake light bulb |
| M10 | Right brake light bulb |
| M16 | Left reversing light bulb |
| M17 | Right reversing light bulb |
| T5p | 5-pin connector |
| T5q | 5-pin connector |
| 21 | Earth point, near fuel pump |
| 50 | Earth point, on left in luggage compartment |
| 372 | Earth connection 7, in main wiring harness |
| B335 | Connection 1 (54), in main wiring harness |

Legend:

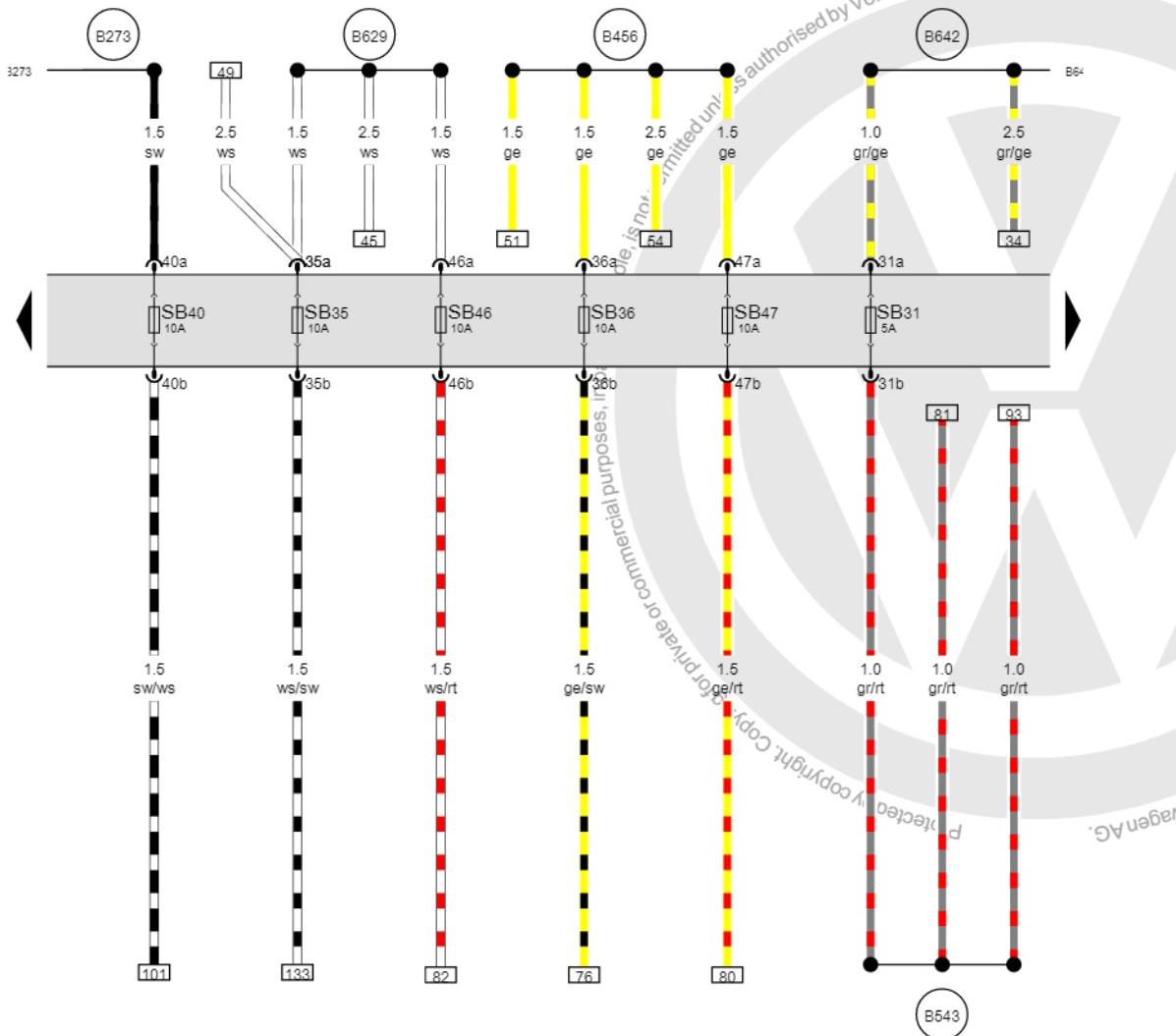
- white = black
- sw = red
- ro = brown
- br = green
- gn = blue
- bl = grey
- gr = purple
- li = yellow
- ge = orange
- or = pink



Protected by copyright. Copying or reuse of this document is illegal. Volkswagen AG does not guarantee the correctness of this document. Information in this document is preliminary and subject to change.

- | | |
|------|--|
| F | Brake light switch |
| F4 | Reversing light switch |
| F47 | Brake pedal switch |
| J623 | Engine control unit |
| M25 | Additional brake light bulb |
| SB25 | Fuse 25 on fuse holder B |
| SB37 | Fuse 37 on fuse holder B |
| SB38 | Fuse 38 on fuse holder B |
| T2al | 2-pin connector |
| T2du | 2-pin connector |
| T4m | 4-pin connector |
| T5b | 5-pin connector |
| 50 | Earth point, on left in luggage compartment |
| 98 | Earth connection, in rear lid wiring harness |
| B273 | Positive connection (15), in main wiring harness |
| B277 | Positive connection 1 (15a) in main wiring harness |
| B335 | Connection 1 (54), in main wiring harness |
| B336 | Connection 2 (54), in main wiring harness |

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

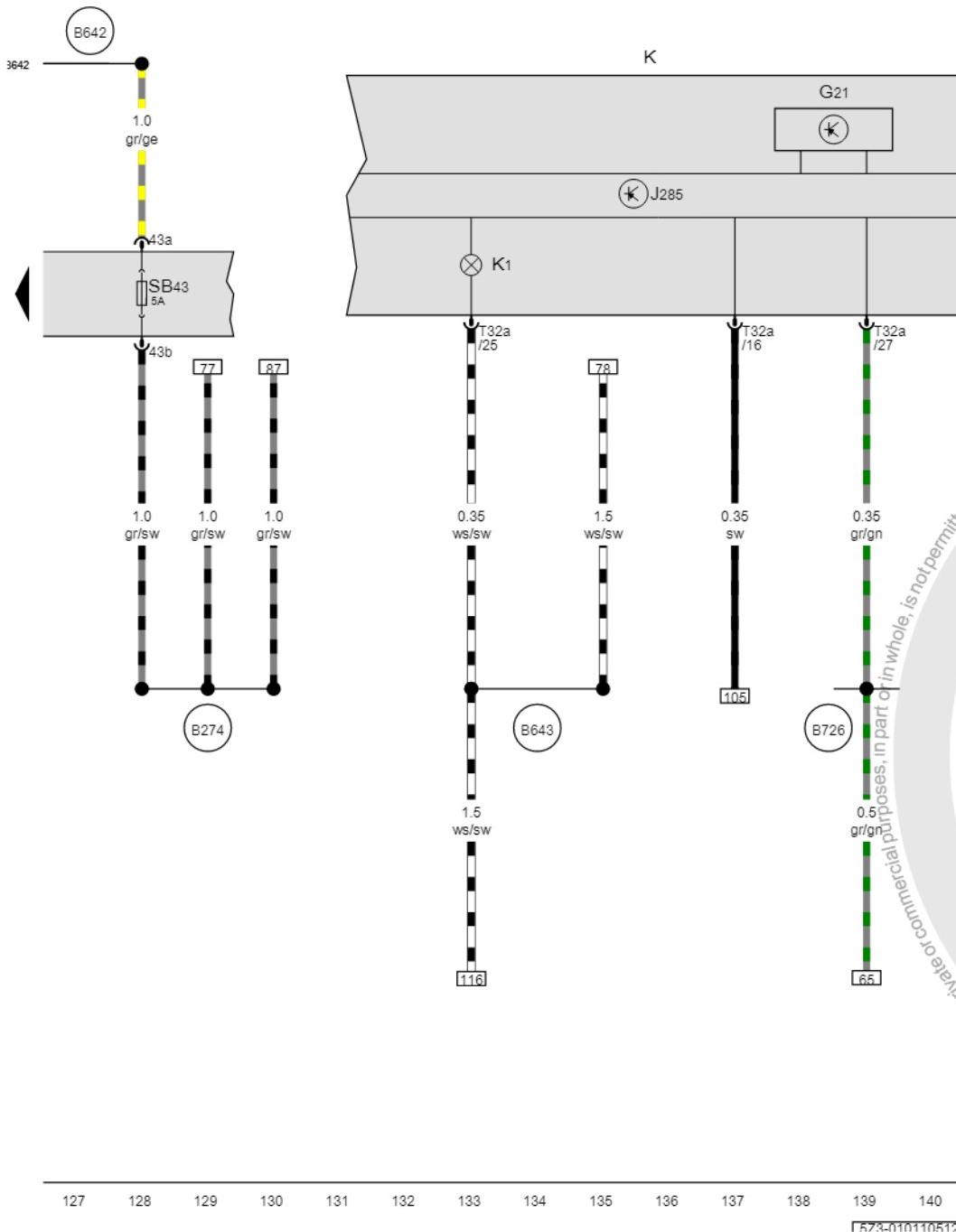


Fuse 31 on fuse holder B, Fuse 35 on fuse holder B, Fuse 36 on fuse holder B, Fuse 40 on fuse holder B, Fuse 46 on fuse holder B, Fuse 47 on fuse holder B

- SB31 Fuse 31 on fuse holder B
- SB35 Fuse 35 on fuse holder B
- SB36 Fuse 36 on fuse holder B
- SB40 Fuse 40 on fuse holder B
- SB46 Fuse 46 on fuse holder B
- SB47 Fuse 47 on fuse holder B

- B273 Positive connection (15), in main wiring harness
- B456 Connection (56b), in main wiring harness
- B543 Positive connection (58R), in main wiring harness
- B629 Connection (56a), in main wiring harness
- B642 Positive connection (58), in main wiring harness

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink



Speedometer, Control unit in dash panel insert, Dash panel insert, Main beam warning lamp

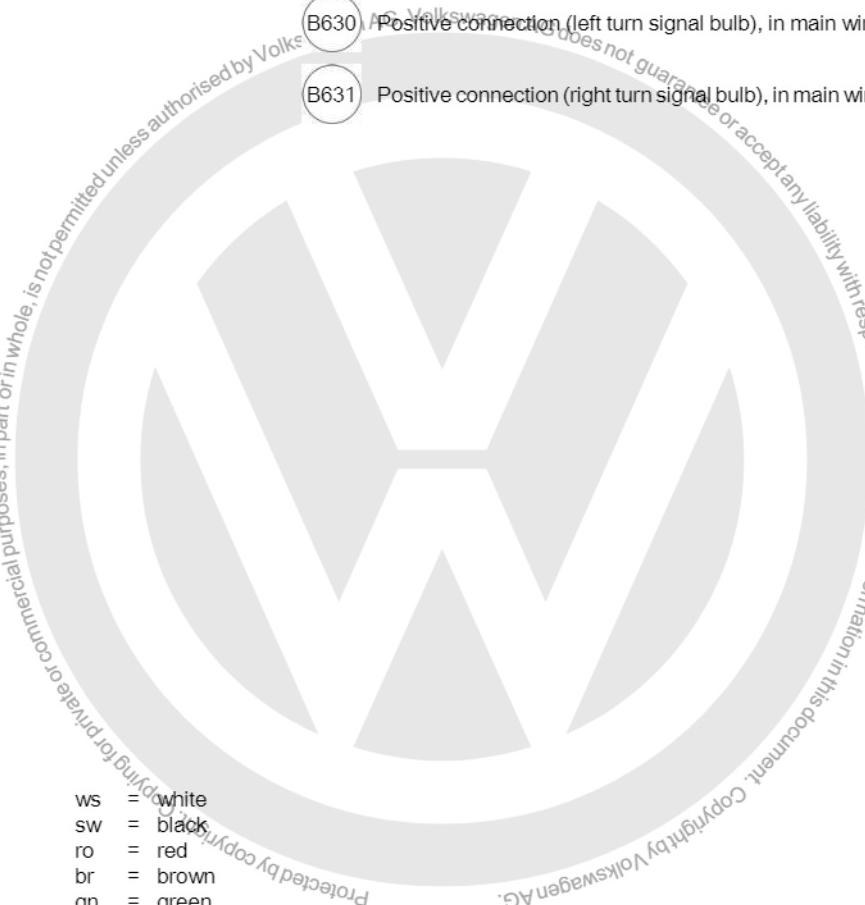
- G21 Speedometer
- J285 Control unit in dash panel insert
- K Dash panel insert
- K1 Main beam warning lamp
- SB43 Fuse 43 on fuse holder B
- T32a 32-pin connector
- B274 Positive connection (58L), in main wiring harness
- B642 Positive connection (58), in main wiring harness
- B643 Connection 2 (56a), in main wiring harness
- B726 Positive connection 2 (58), in main wiring harness

Copyright by Volkswagen AG. Copying for purposes of commercial purposes, in part or in whole, is not permitted unless authorised by Volkswagen AG.

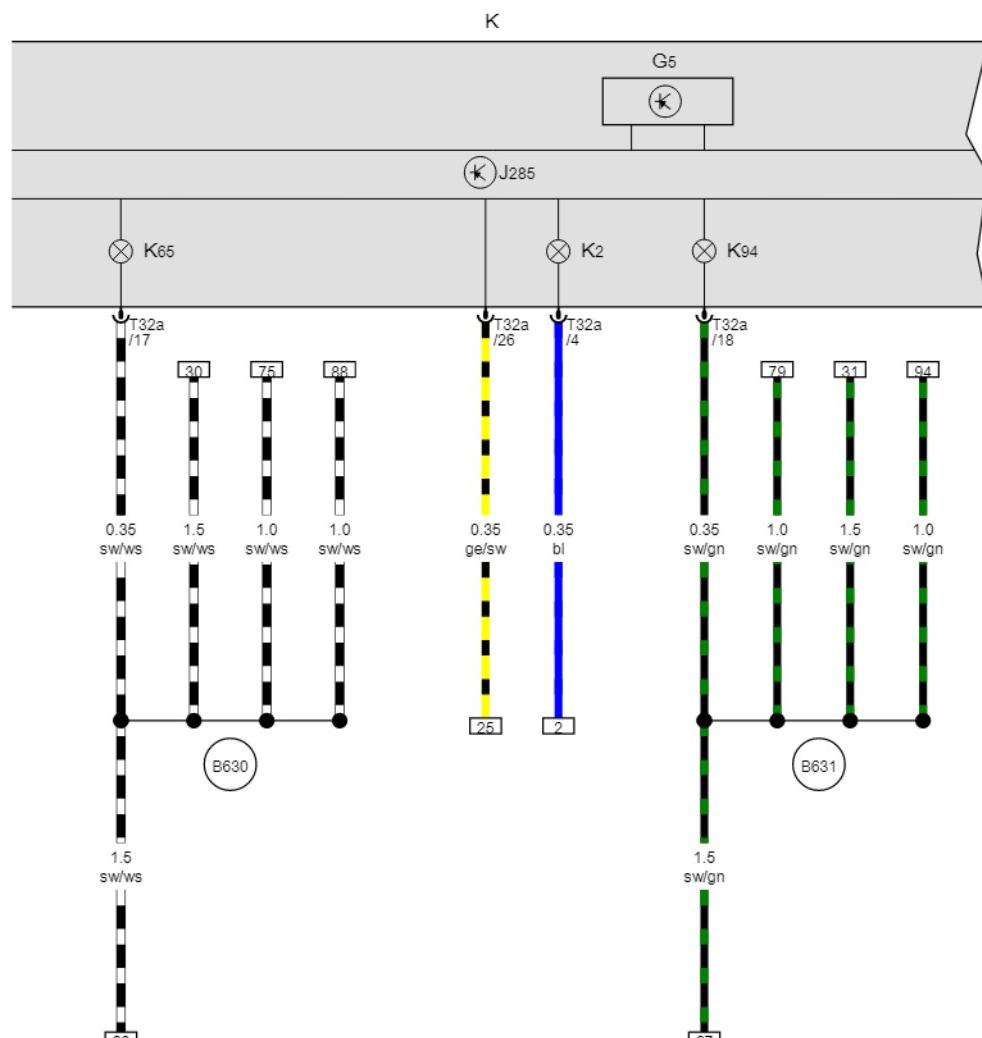
Rev. counter, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp, Left turn signal warning lamp, Right turn signal warning lamp

G5 Rev. counter
 J285 Control unit in dash panel insert
 K Dash panel insert
 K2 Alternator warning lamp
 K65 Left turn signal warning lamp
 K94 Right turn signal warning lamp
 T32a 32-pin connector

B630 Positive connection (left turn signal bulb), in main wiring harness
 B631 Positive connection (right turn signal bulb), in main wiring harness



ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink



141 142 143 144 145 146 147 148 149 150 151 152 153 154

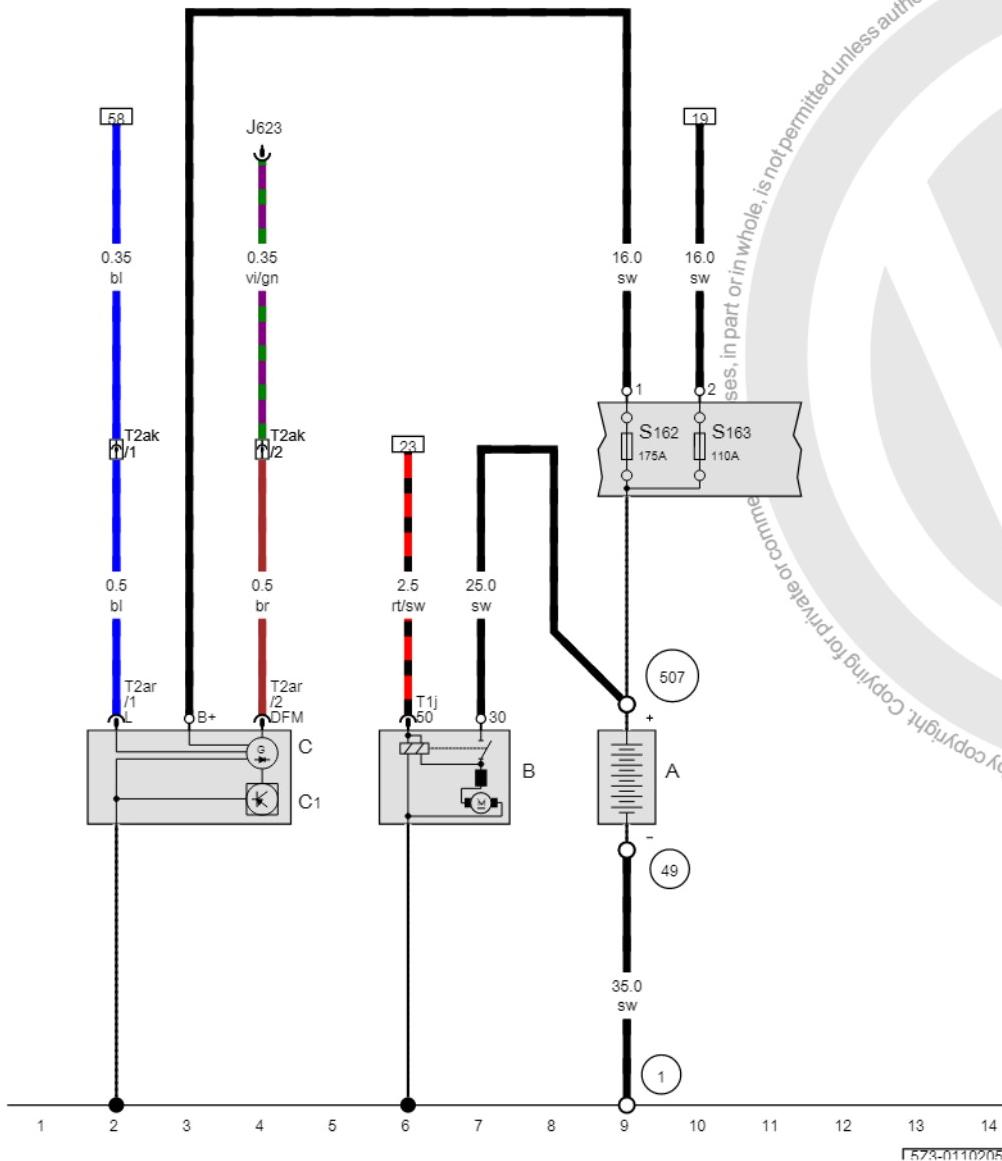
F573-0101205121

Parking aid (PDC)

From August 2009



Battery, Starter, Alternator, Voltage regulator



- A Battery
 - B Starter
 - C Alternator
 - C1 Voltage regulator
 - J628 Engine control unit
 - S162 Fuse 1 (30), in battery fuse holder
 - S163 Fuse 2 (30), in battery fuse holder
 - T2ak 2-pin connector, in engine compartment
 - T2ar 2-pin connector

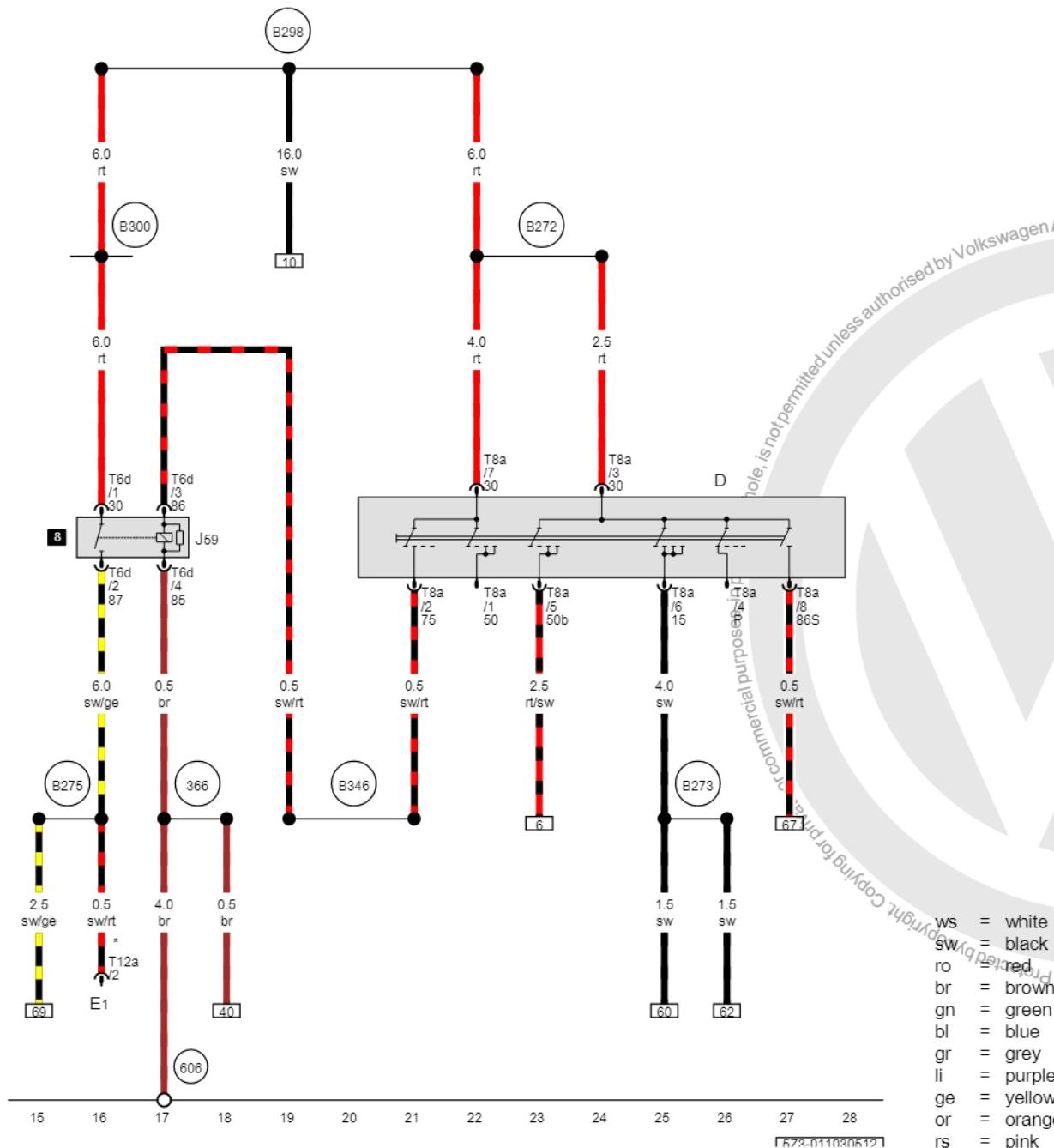
1 Earth strap, battery - body

49 Earth point, near ... near battery

507 Threaded connection (30), on battery fuse holder

ws	= white
sw	= black
ro	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
i	= purple
ge	= yellow
or	= orange
rs	= pink

Ignition/starter switch, X-contact relief relay



D	Ignition/starter switch
E1	Light switch
J59	X-contact relief relay
T6d	6-pin connector
T8a	8-pin connector
T12a	12-pin connector

(366) Earth connection 1, in main wiring harness

olks AG

Earth bolt, under the centre console rear gear box.

(B272) Positive connection (30), in main wiring harness

B273 Positive connection (15) in main wiring harness

114

B275 Positive connection (87), in main wiring harness

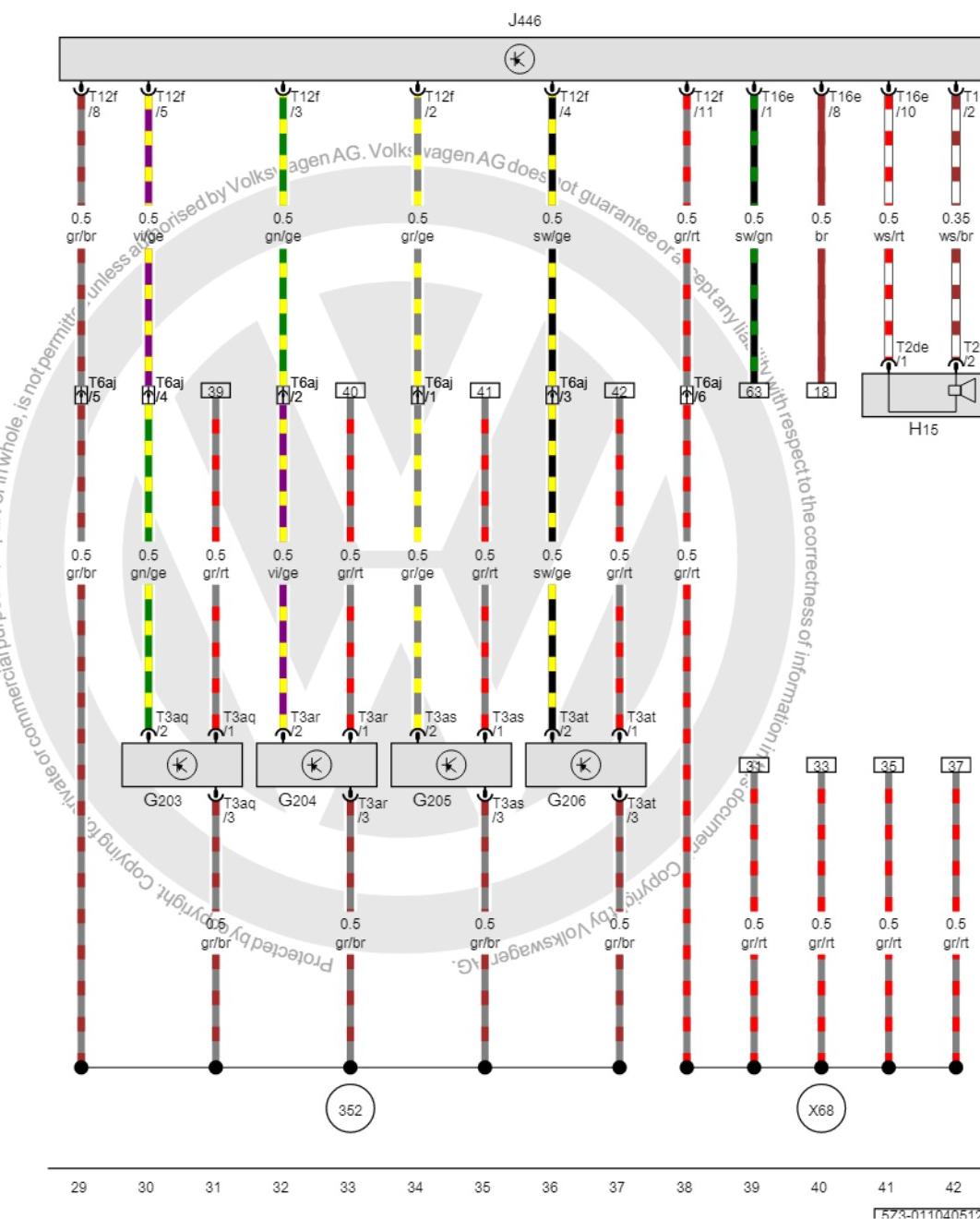
B298 Positive connection 2 (30), in main wiring harness

connect to

the cc

(B346) Connection 1 (75), in main wiring harness

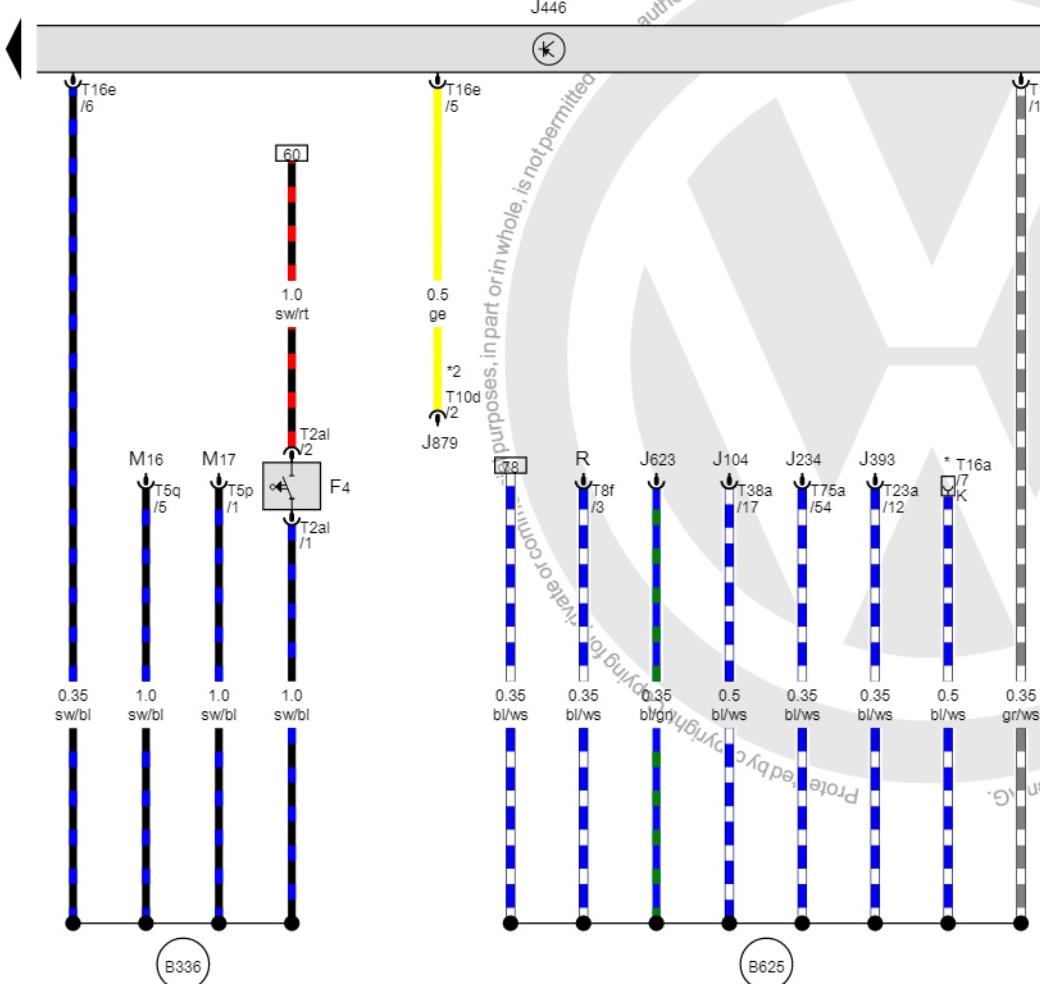
* Up to March 2010



Rear left parking aid sender, Rear centre left parking aid sender, Rear centre right parking aid sender, Rear parking aid warning buzzer, Parking aid control unit

- G203 Rear left parking aid sender
- G204 Rear centre left parking aid sender
- G205 Rear centre right parking aid sender
- G206 Rear right parking aid sender
- H15 Rear parking aid warning buzzer
- J446 Parking aid control unit
- T2de 2-pin connector
- T3aq 3-pin connector
- T3ar 3-pin connector
- T3as 3-pin connector
- T3at 3-pin connector
- T6aj 6-pin connector, behind rear bumper on left
- T12f 12-pin connector
- T16e 16-pin connector
- 352 Earth connection (parking aid), in rear bumper wiring harness
- X68 Positive connection (parking aid), in rear bumper wiring harness

ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

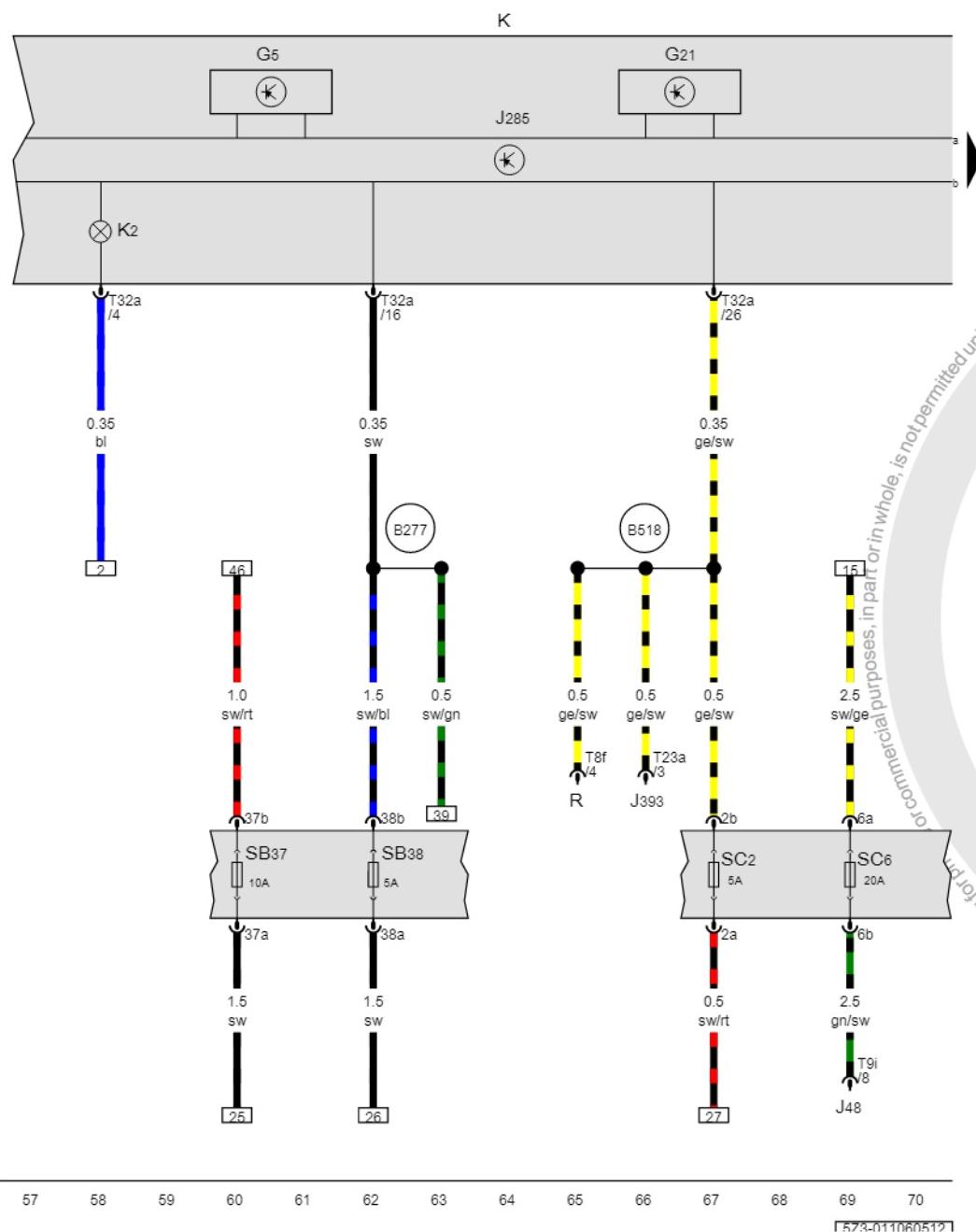


Reversing light switch, Parking aid control unit

- | | |
|------|---|
| F4 | Reversing light switch |
| J104 | ABS control unit |
| J234 | Airbag control unit |
| J393 | Convenience system central control unit |
| J446 | Parking aid control unit |
| J623 | Engine control unit |
| J879 | Control unit for interactive system |
| M16 | Left reversing light bulb |
| M17 | Right reversing light bulb |
| R | Radio |
| T2al | 2-pin connector |
| T5p | 5-pin connector |
| T5q | 5-pin connector |
| T8f | 8-pin connector |
| T10d | 10-pin connector |
| T16a | 16-pin connector, on diagnostic connection |
| T16e | 16-pin connector |
| T23a | 23-pin connector |
| T38a | 38-pin connector |
| T75a | 75-pin connector |
| B336 | Connection 2 (54), in main wiring harness |
| B625 | Connection (K-diagnosis wire), in main wiring harness |
| * | Diagnostic connection |
| *2 | From July 2010 |

ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

Rev. counter, Speedometer, Control unit in dash panel
insert, Dash panel insert, Alternator warning lamp

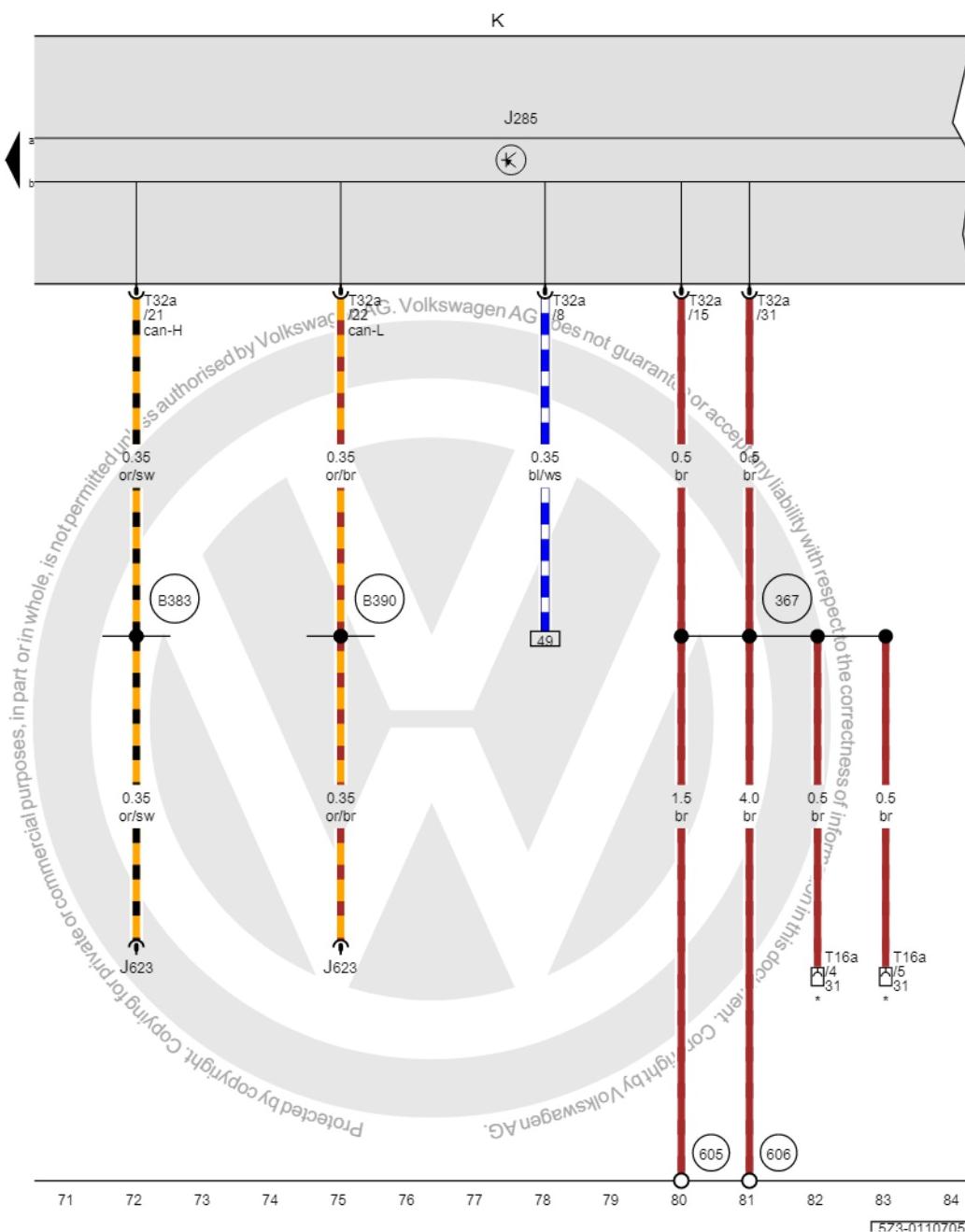


- | | |
|-------------|--|
| G5 | Rev. counter |
| G21 | Speedometer |
| J48 | Heated rear window control relay |
| J285 | Control unit in dash panel insert |
| J393 | Convenience system central control unit |
| K | Dash panel insert |
| K2 | Alternator warning lamp |
| R | Radio |
| SC2 | Fuse 2 on fuse holder C |
| SC6 | Fuse 6 on fuse holder C |
| SB37 | Fuse 37 on fuse holder B |
| SB38 | Fuse 38 on fuse holder B |
| T8f | 8-pin connector |
| T9i | 9-pin connector |
| T23a | 23-pin connector |
| T32a | 32-pin connector |
| B277 | Positive connection 1 (15a) in main wiring harness |
| B518 | Connection (86s), in main wiring harness |

Protected by Volkswagen AG.
Copyright by Volkswagen AG.
Copying or reproduction
in whole or in part
is not permitted unless
authorised by Volkswagen AG.

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

1573-0110605121



Control unit in dash panel insert, Dash panel insert

- J285 Control unit in dash panel insert
 - J623 Engine control unit
 - K Dash panel insert
 - T16a 16-pin connector, on diagnostic connection
 - T32a 32-pin connector
 - 367 Earth connection 2, in main wiring harness
 - 605 Earth point, on top end of steering column
 - 606 Earth point, under the centre console near gear stick
 - B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
 - B390 Connection 1 (powertrain CAN bus, low), in main wiring harness

* Diagnostic connection

ws	= white
sw	= black
ro	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
ge	= yellow
or	= orange
rs	= pink

Window wash/wipe system and heated rear window

From August 2009



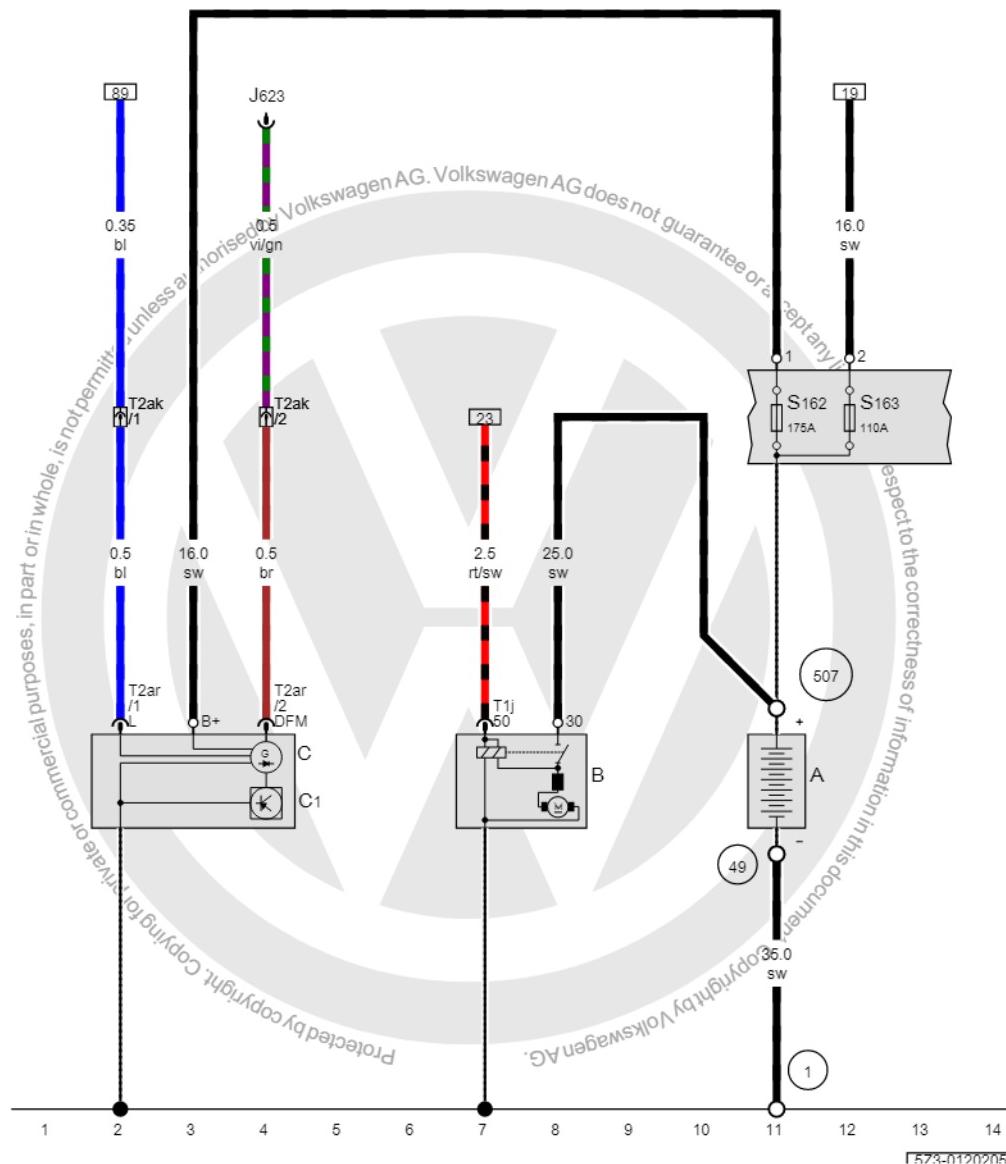
Battery, Starter, Alternator, Voltage regulator

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- T2ak 2-pin connector, on left in engine compartment
- T2ar 2-pin connector

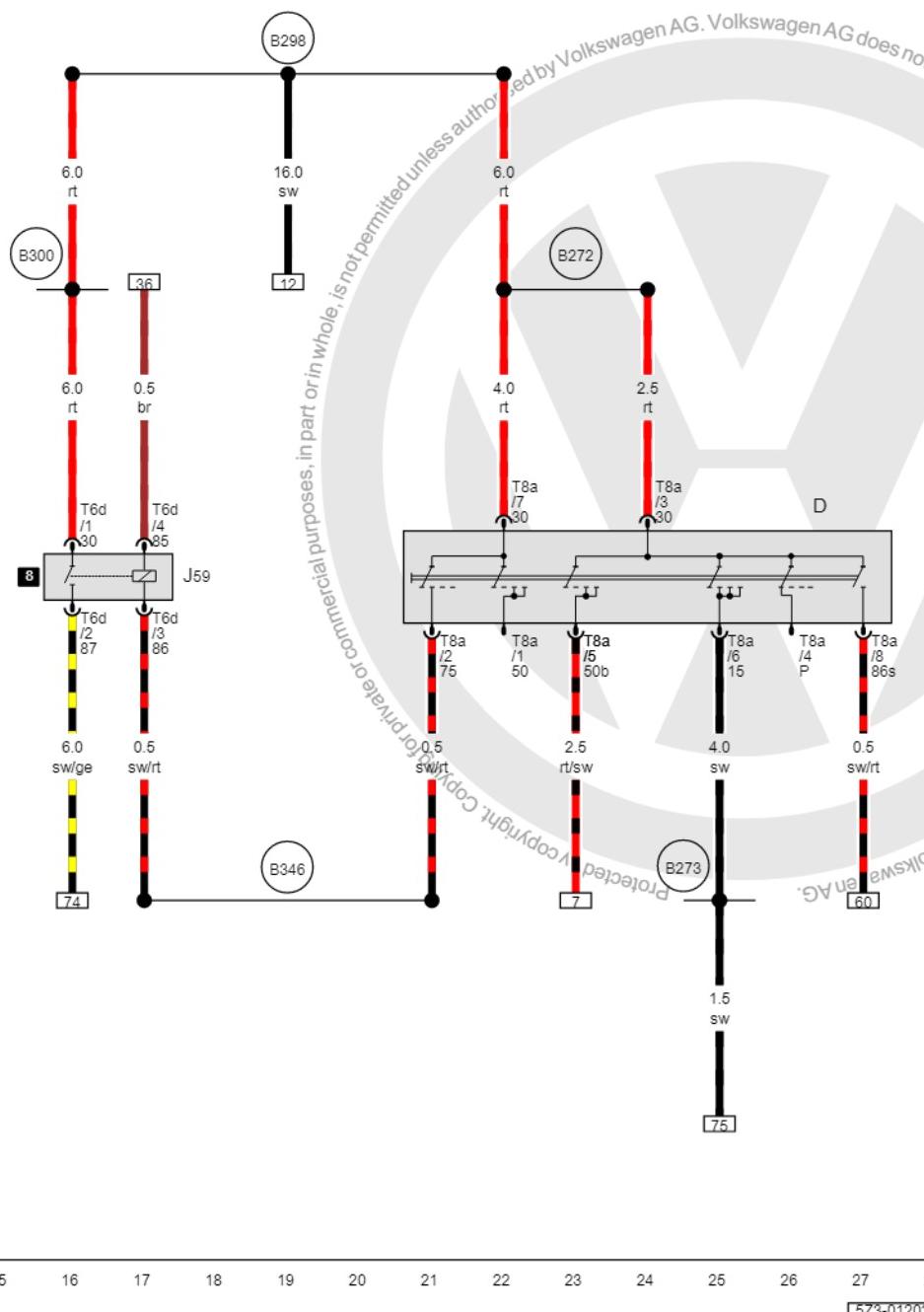
1 Earth strap, battery - body

49 Earth point, near ..., near battery

507 Threaded connection (30), on battery fuse holder



ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink



Ignition/starter switch, X-contact relief relay

- | | |
|------|--|
| D | Ignition/starter switch |
| J59 | X-contact relief relay |
| T6d | 6-pin connector |
| T8a | 8-pin connector |
| B272 | Positive connection (30), in main wiring harness |
| B273 | Positive connection (15), in main wiring harness |
| B298 | Positive connection 2 (30), in main wiring harness |
| B300 | Positive connection 4 (30), in main wiring harness |
| B346 | Connection 1 (75), in main wiring harness |

ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

Intermittent wiper switch, Rear wiper switch, Automatic intermittent wash and wipe relay

E22 Intermittent wiper switch
 E34 Rear wiper switch
 J31 Automatic intermittent wash and wipe relay
 J932 Automatic intermittent wash and wipe control unit
 T8c 8-pin connector
 T9f 9-pin connector
 T18c 18-pin connector

366 Earth connection 1, in main wiring harness

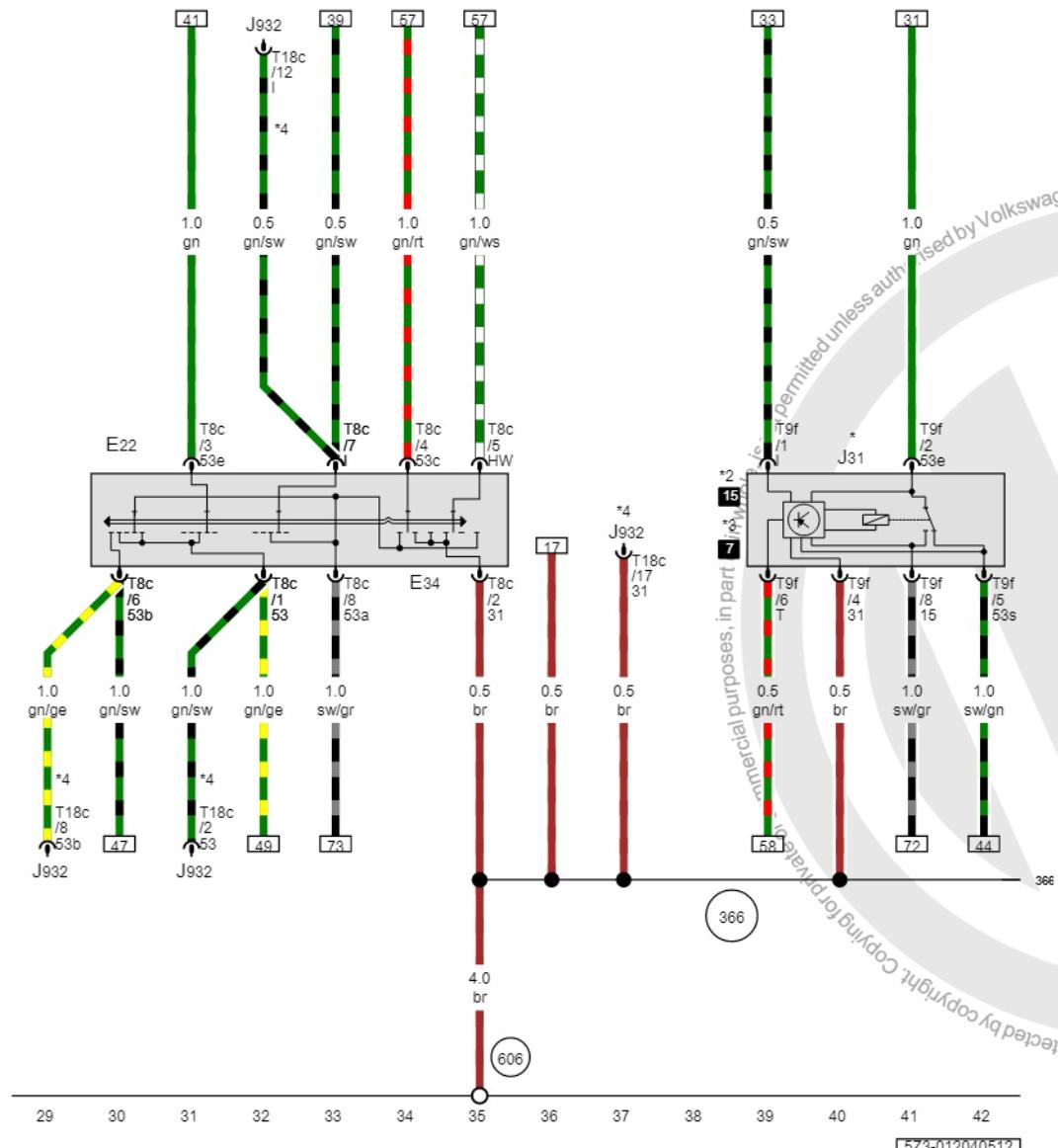
606 Earth point, under the centre console near gear stick

Only models with no rain and light sensor

*2 From October 2011

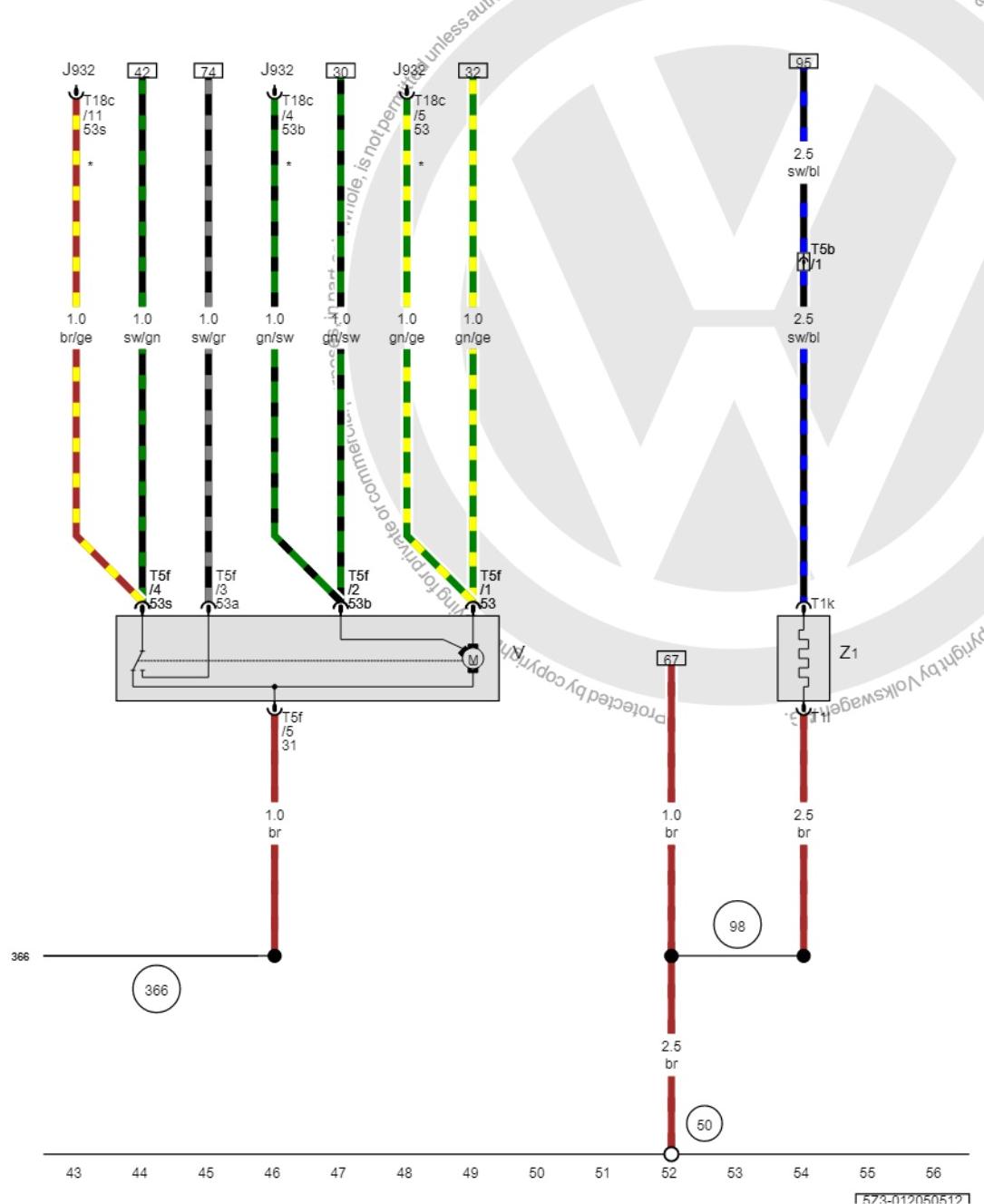
*3 Up to October 2011

*4 Only models with rain and light sensor



ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

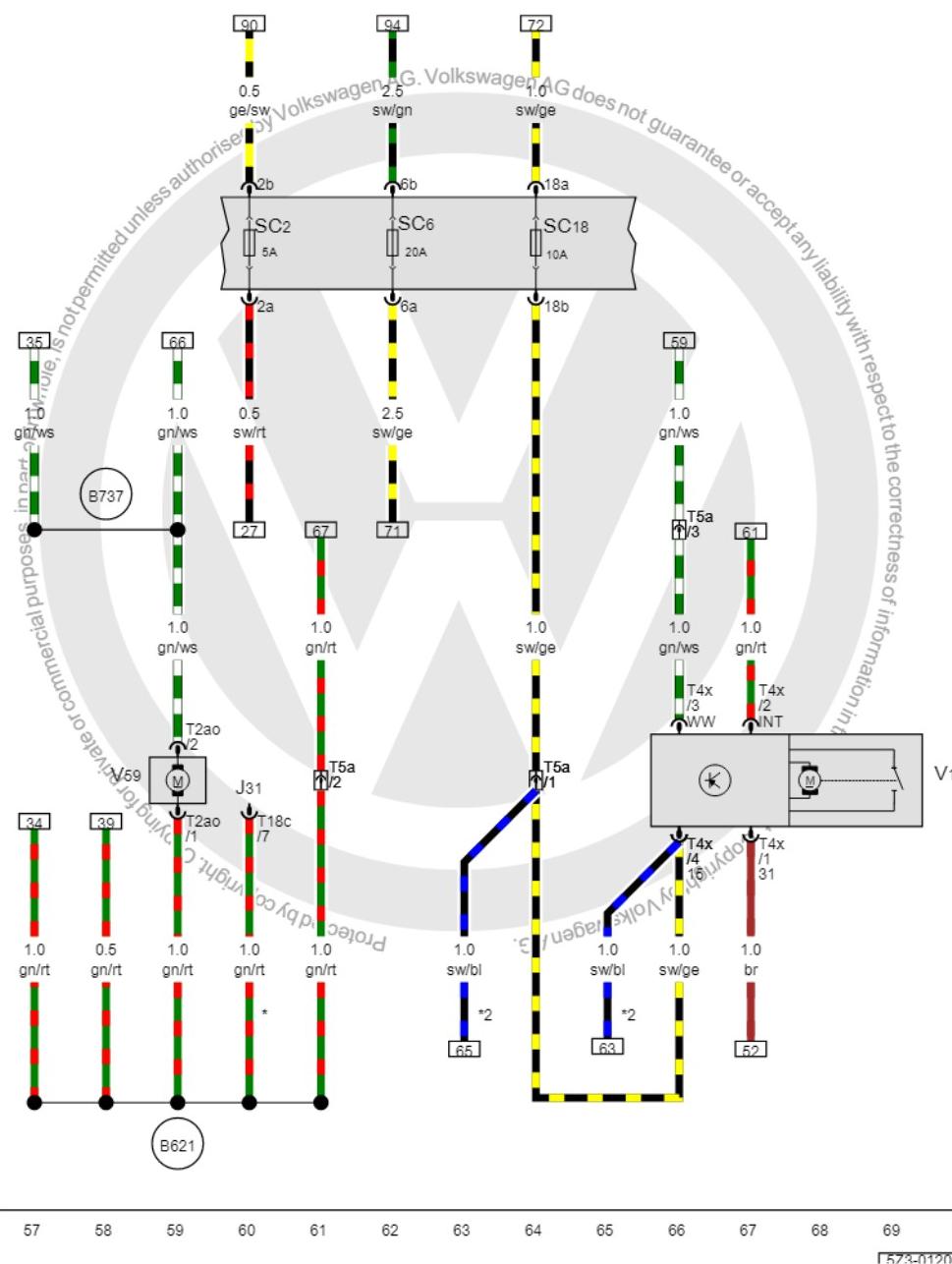
Current Flow Diagram



Windscreen wiper motor, Heated rear window

- J932 Automatic intermittent wash and wipe control unit
 T1k Single connector
 T1l Single connector
 T5b 5-pin connector, behind rear left side trim, near wheel arch
 T5f 5-pin connector
 T18c 18-pin connector
 V Windscreen wiper motor
 Z1 Heated rear window
- (50) Earth point, on left in luggage compartment
 (98) Earth connection, in rear lid wiring harness
 (366) Earth connection 1, in main wiring harness
- * Only models with rain and light sensor

Rear window wiper motor, Windscreen and rear window washer pump



- J31 Automatic intermittent wash and wipe relay
- SC2 Fuse 2 on fuse holder C
- SC6 Fuse 6 on fuse holder C
- SC18 Fuse 18 on fuse holder C
- T2ao 2-pin connector
- T4x 4-pin connector
- T5a 5-pin connector, behind rear left side trim, near wheel arch
- T18c 18-pin connector
- V12 Rear window wiper motor
- V59 Windscreen and rear window washer pump
- (B621) Connection 1 (53c), in main wiring harness
- (B737) Connection 2 (53c), in main wiring harness

* Only models with rain and light sensor
*2 Only models with 4-doors

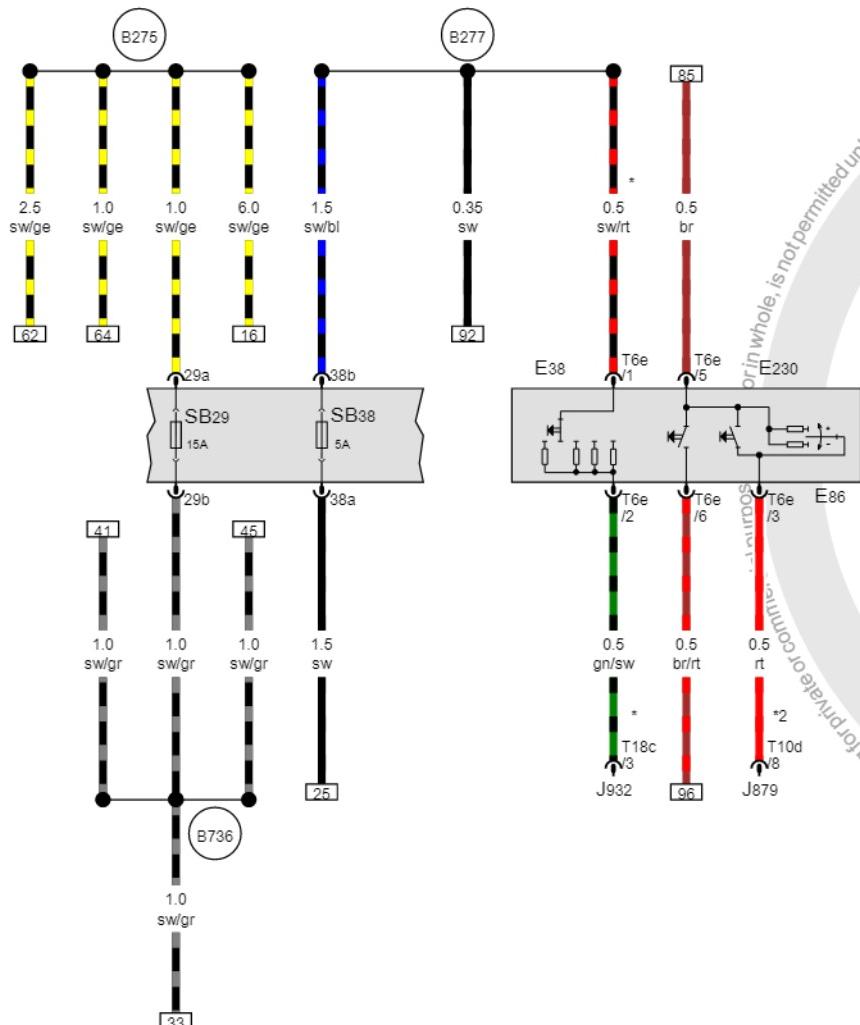
ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Intermittent wiper regulator, Multifunction display call-up button, Heated rear window button

E38 Intermittent wiper regulator
 E86 Multifunction display call-up button
 E230 Heated rear window button
 J879 Control unit for interactive system
 J932 Automatic intermittent wash and wipe control unit
 SB29 Fuse 29 on fuse holder B
 SB38 Fuse 38 on fuse holder B

T6e 6-pin connector
 T10d 10-pin connector
 T18c 18-pin connector
 B275 Positive connection (87), in main wiring harness
 B277 Positive connection 1 (15a) in main wiring harness
 B736 Positive connection (53a), in main wiring harness

* Only models with rain and light sensor
 *2 For models with interactive system



71 72 73 74 75 76 77 78 79 80 81 82 83 84

1573-0120705121

sw_d

= white

sw

= black

ro

= red

br

= brown

gn

= green

bl

= blue

gr

= grey

li

= purple

ge

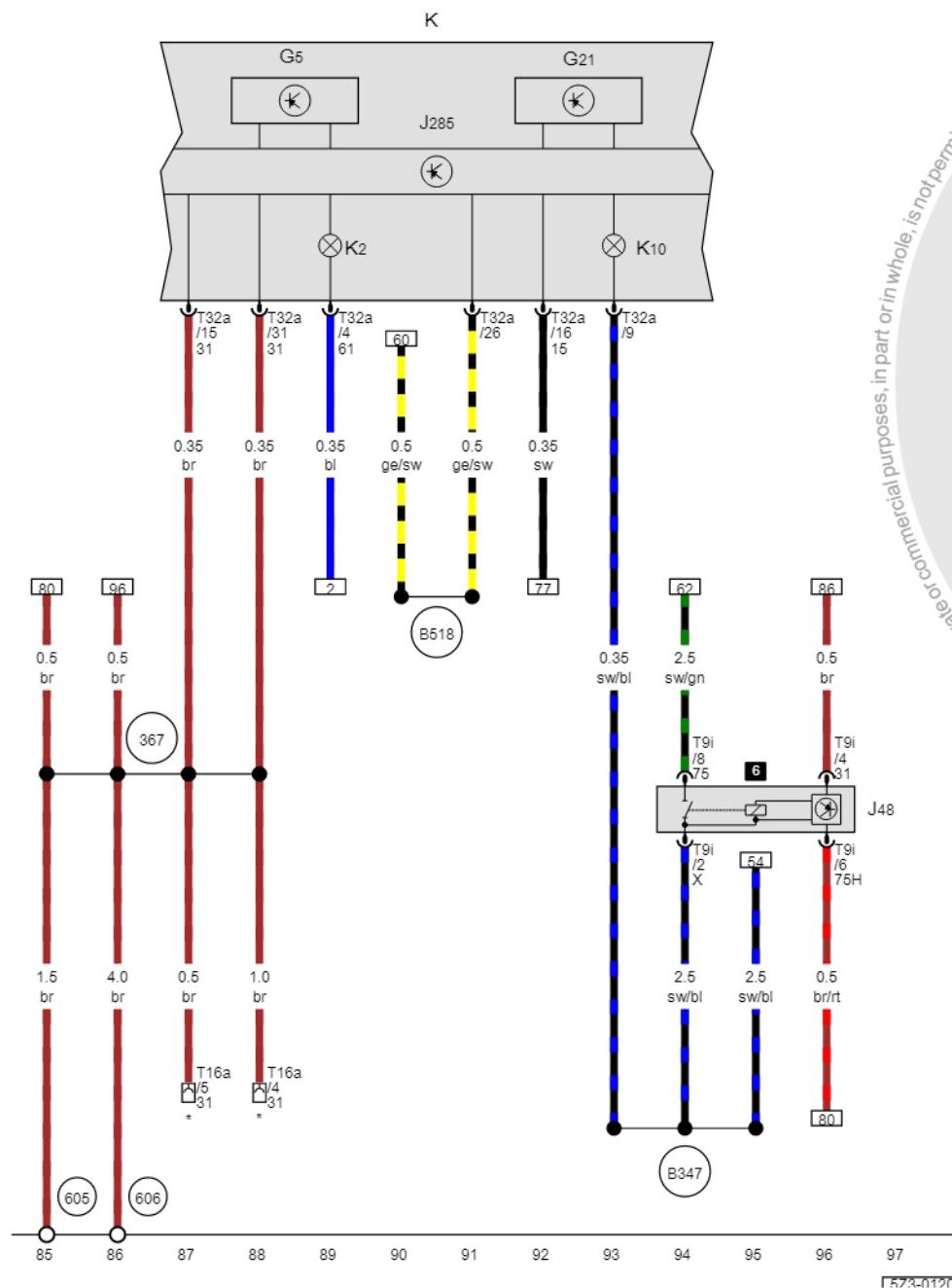
= yellow

or

= orange

rs

= pink



Rev. counter, Speedometer, Heated rear window control relay, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp, Heated rear window warning lamp

- | | |
|------|---|
| G5 | Rev. counter |
| G21 | Speedometer |
| J48 | Heated rear window control relay |
| J285 | Control unit in dash panel insert |
| K | Dash panel insert |
| K2 | Alternator warning lamp |
| K10 | Heated rear window warning lamp |
| T9i | 9-pin connector |
| T16a | 16-pin connector |
| T32a | 32-pin connector |
| 367 | Earth connection 2, in main wiring harness |
| 605 | Earth point, on top end of steering column |
| 606 | Earth point, under the centre console near gear stick |
| B347 | Connection 2 (75), in main wiring harness |
| B518 | Connection (86s), in main wiring harness |
| * | Diagnostic connection |

ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

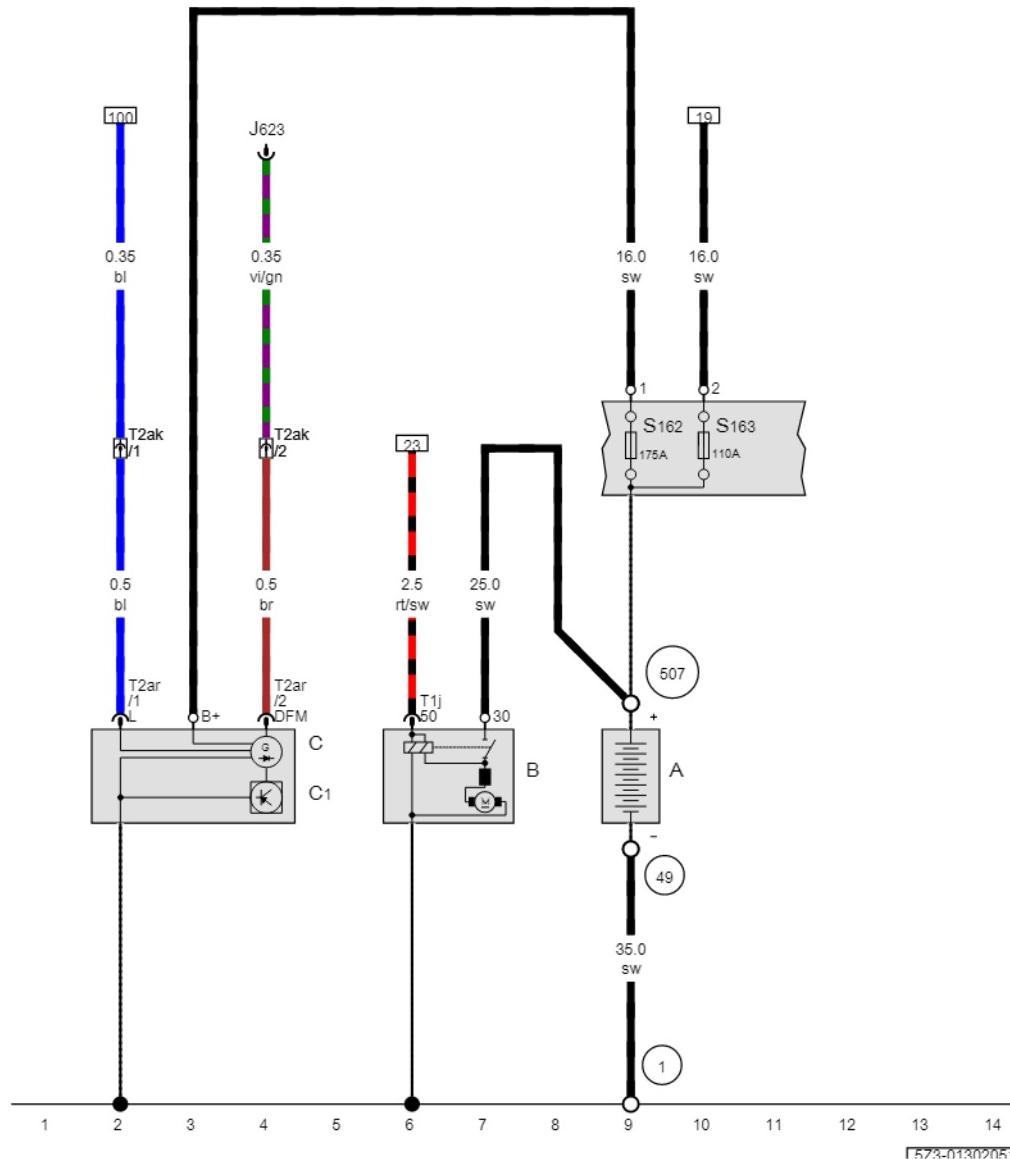
Radio

From August 2009



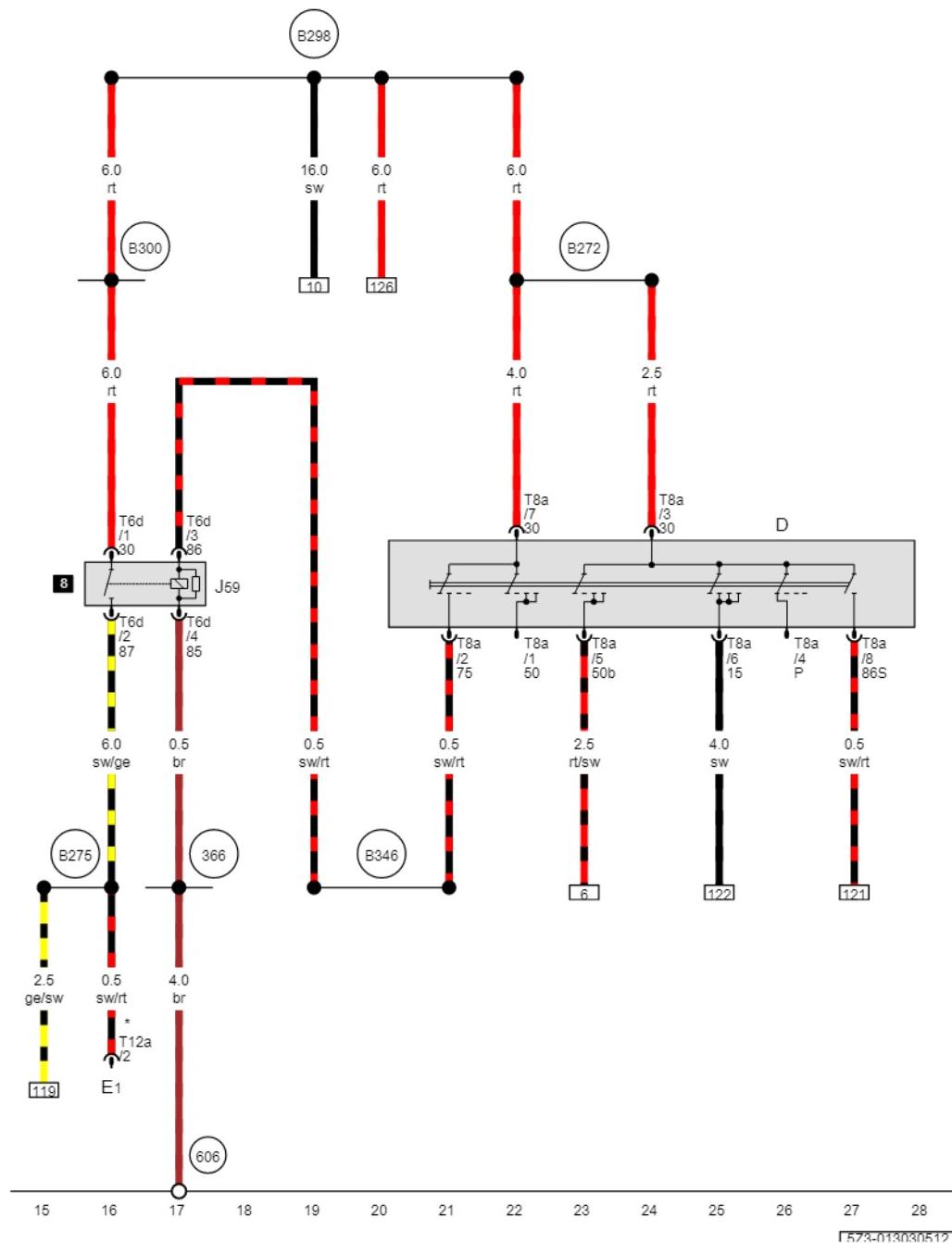
Battery, Starter, Alternator, Voltage regulator

- A Battery
 B Starter
 C Alternator
 C1 Voltage regulator
 J623 Engine control unit
 S162 Fuse 1 (30), in battery fuse holder
 S163 Fuse 2 (30), in battery fuse holder
 T2ak 2-pin connector, in engine compartment
 T2ar 2-pin connector
- 1 Earth strap, battery - body
 49 Earth point, near ..., near battery
 507 Threaded connection (30), on battery fuse holder



ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

1573-0130065121



Ignition/starter switch, X-contact relief relay

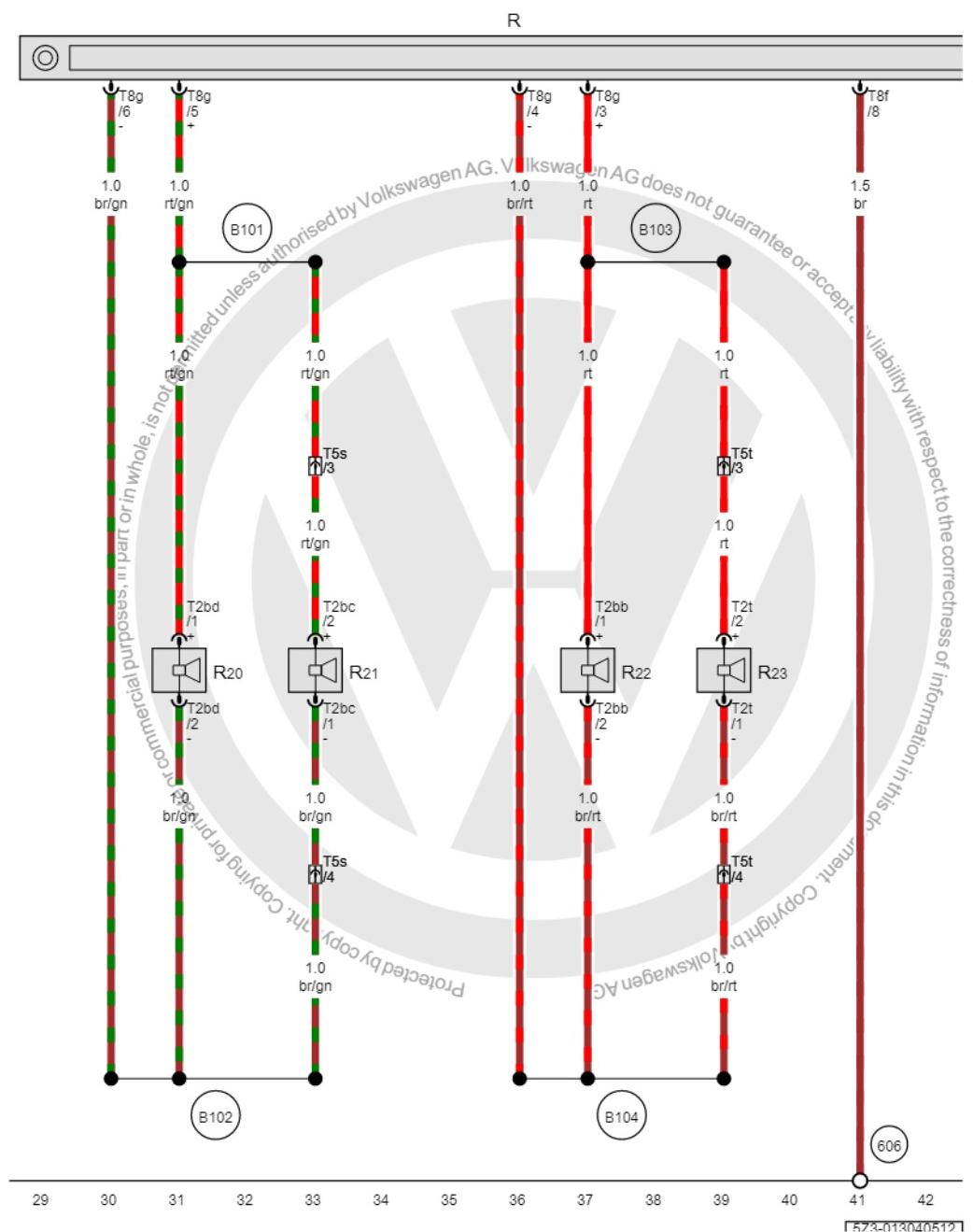
- D Ignition/starter switch
- E1 Light switch
- J59 X-contact relief relay
- T6d 6-pin connector
- T8a 8-pin connector
- T12a 12-pin connector
- 366 Earth connection 1, in main wiring harness
- 606 Earth point, under the centre console near gear stick
- B272 Positive connection (30), in main wiring harness
- B275 Positive connection (87), in main wiring harness
- B298 Positive connection 2 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B346 Connection 1 (75), in main wiring harness

* Up to March 2010

Protected by copyright. Copying or commercial purposes, in part or in whole, is not permitted unless authorised by Volkswagen AG.

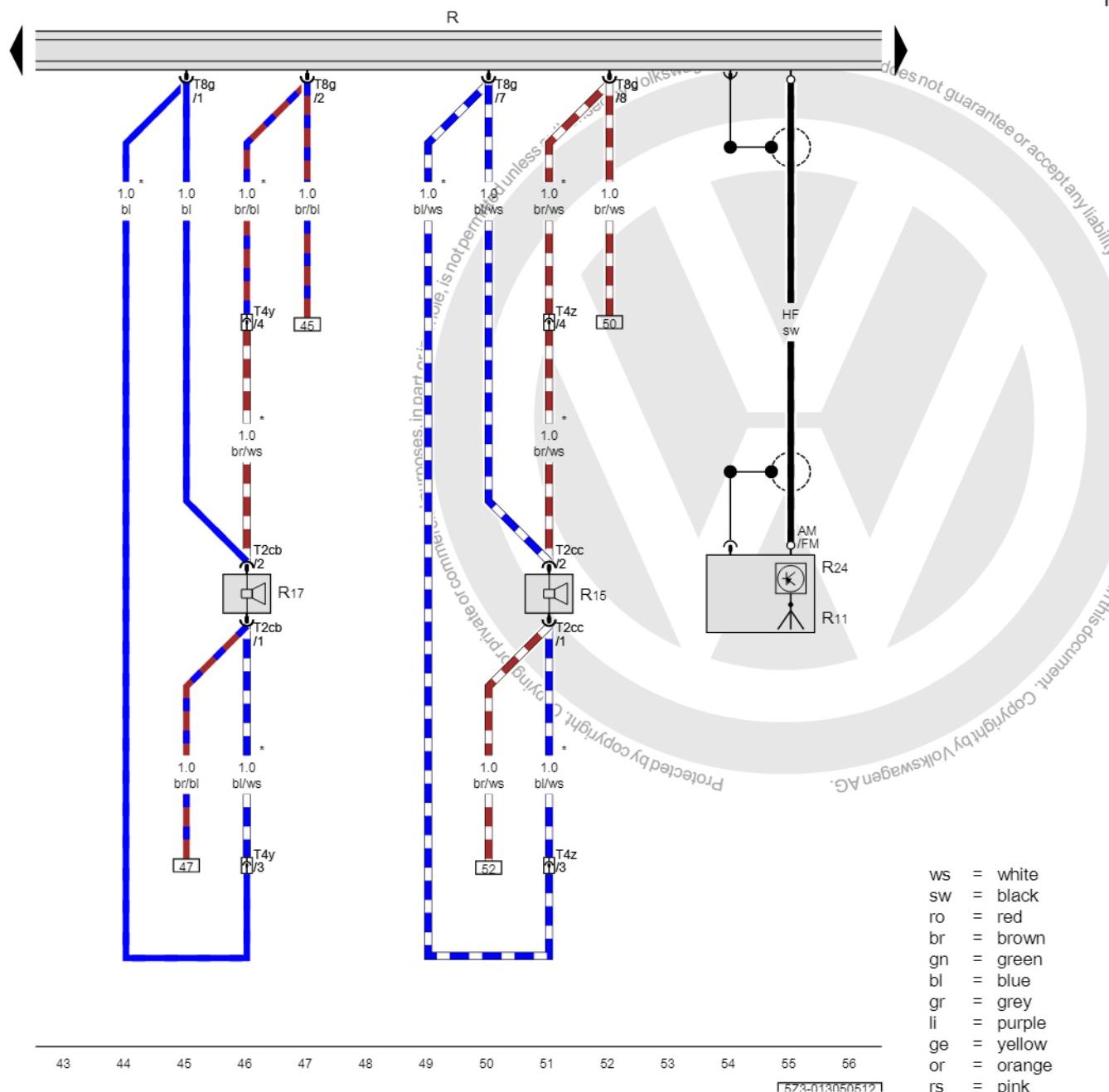
ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Radio, Front left treble loudspeaker, Front left bass
loudspeaker, Front right treble loudspeaker, Front right bass
loudspeaker



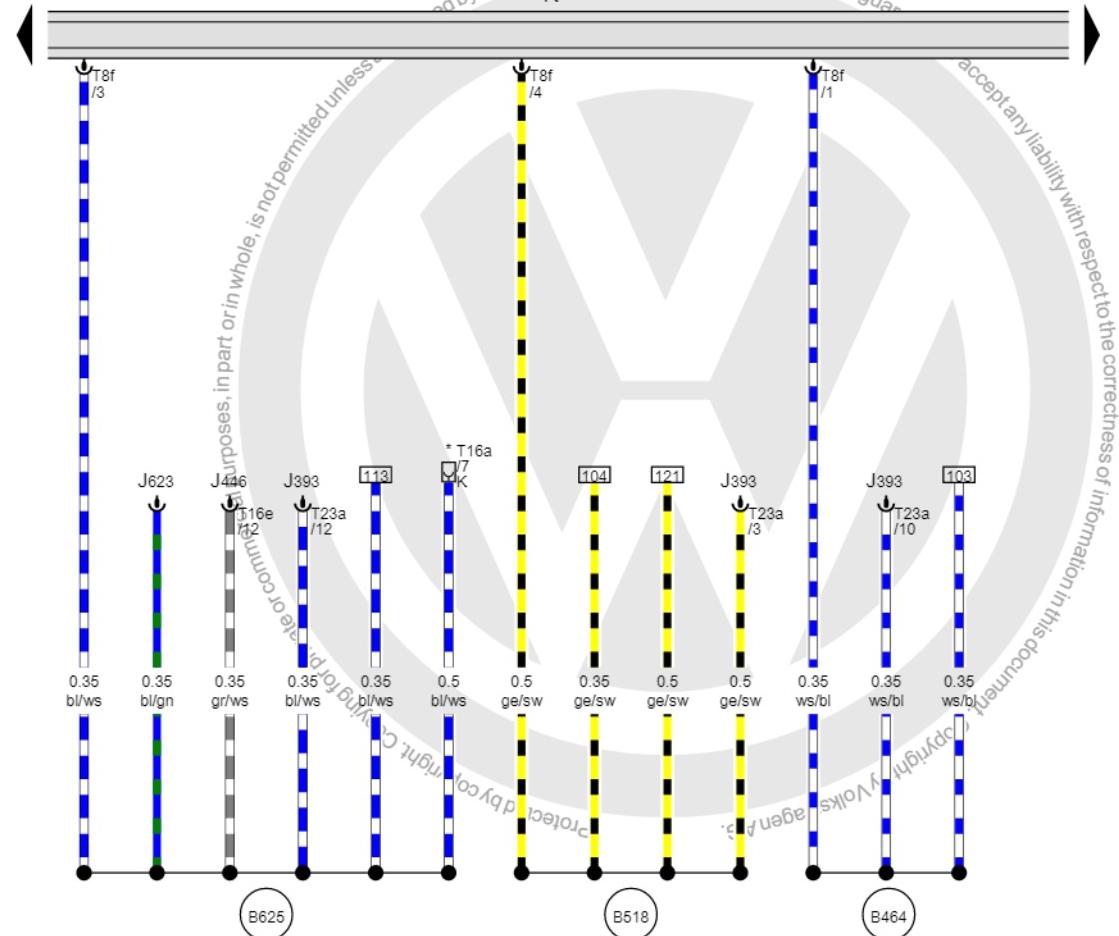
- | | |
|------|--|
| R | Radio |
| R20 | Front left treble loudspeaker |
| R21 | Front left bass loudspeaker |
| R22 | Front right treble loudspeaker |
| R23 | Front right bass loudspeaker |
| T2bb | 2-pin connector |
| T2bc | 2-pin connector |
| T2bd | 2-pin connector |
| T2t | 2-pin connector |
| T5s | 5-pin connector, in driver door |
| T5t | 5-pin connector, in front passenger door |
| T8f | 8-pin connector |
| T8g | 8-pin connector |
| 606 | Earth point, under the centre console near gear stick |
| B101 | Connection (positive, front left speaker), in main wiring harness |
| B102 | Connection (negative, front left speaker), in main wiring harness |
| B103 | Connection (positive, front right speaker), in main wiring harness |
| B104 | Connection (negative, front right speaker), in main wiring harness |

Radio, Aerial, Rear left bass loudspeaker, Rear right bass loudspeaker, Aerial amplifier



R	Radio
R11	Aerial
R15	Rear left bass loudspeaker
R17	Rear right bass loudspeaker
R24	Aerial amplifier
T2cb	2-pin connector
T2cc	2-pin connector
T4y	4-pin connector, in rear right door
T4z	4-pin connector, in rear left door
T8g	8-pin connector
*	Only models with 4-doors

ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

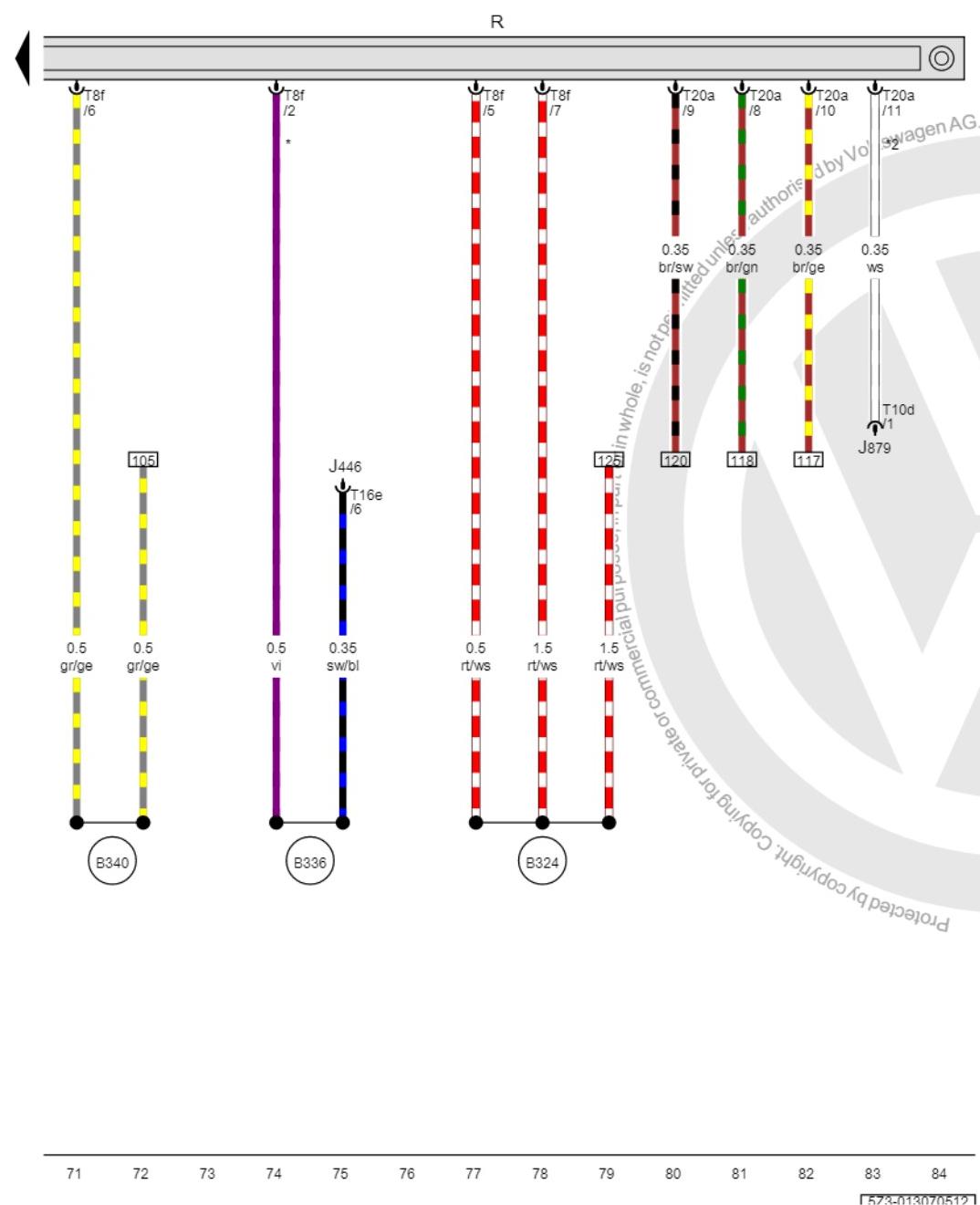
**Radio**

- J393 Convenience system central control unit
- J446 Parking aid control unit
- J623 Engine control unit
- R Radio
- T8f 8-pin connector
- T16a 16-pin connector, on diagnostic connection
- T16e 16-pin connector
- T23a 23-pin connector
- (B464) Connection (speed signal), in main wiring harness
- (B518) Connection (86s), in main wiring harness
- (B625) Connection (K-diagnosis wire), in main wiring harness
- * Diagnostic connection

ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

57 58 59 60 61 62 63 64 65 66 67 68 69 70

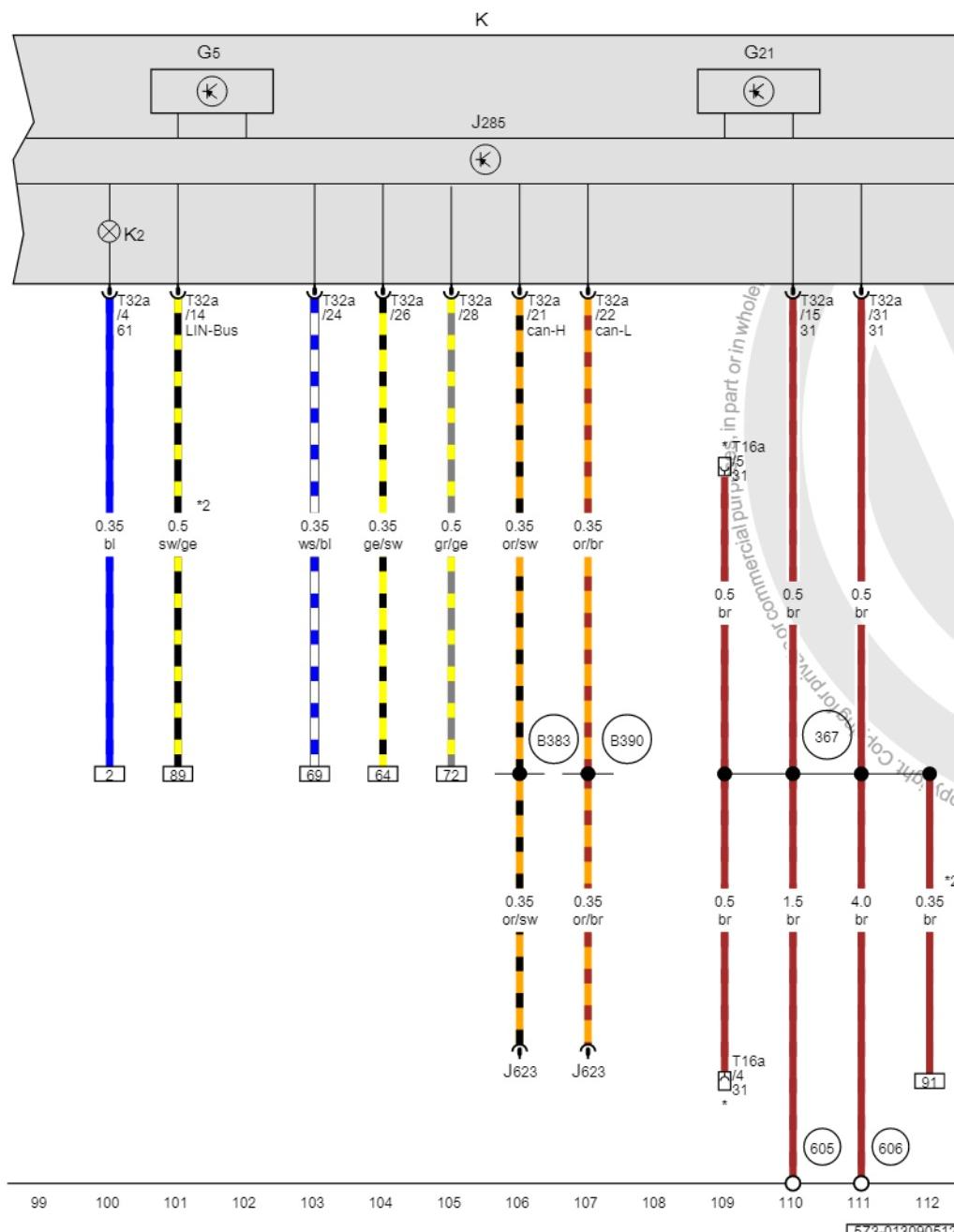
F573-01300605121



Radio

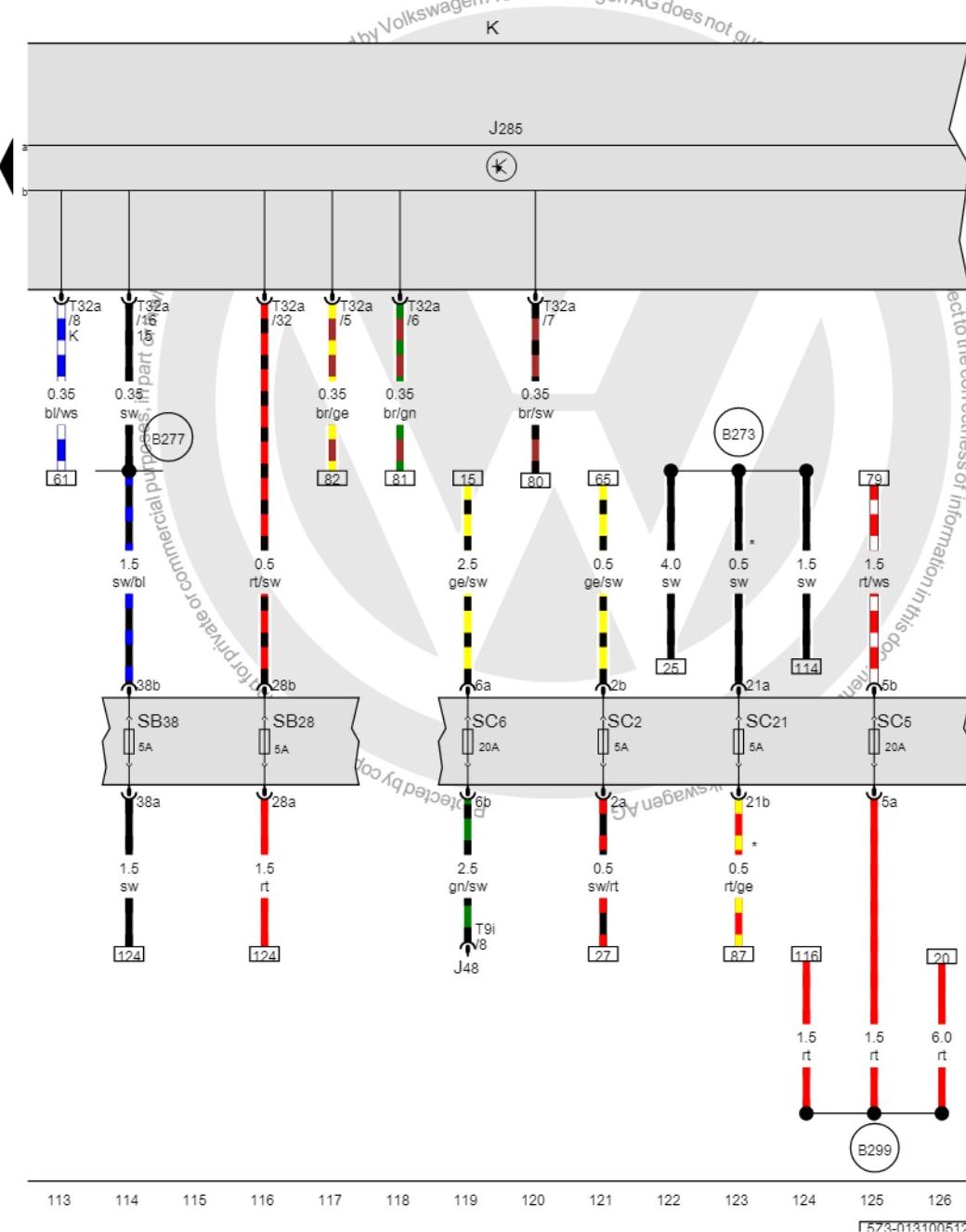
- J446 Parking aid control unit
 J879 Control unit for interactive system
 R Radio
 T8f 8-pin connector
 T10d 10-pin connector
 T16e 16-pin connector
 T20a 20-pin connector
- (B324) Positive connection 10 (30a) in main wiring harness
 (B336) Connection 2 (54), in main wiring harness
 (B340) Connection 1 (58d), in main wiring harness
- * Only models with park assist steering
 *2 From July 2010

Rev. counter, Speedometer, Control unit in dash panel
insert, Dash panel insert, Alternator warning lamp



ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

99 100 101 102 103 104 105 106 107 108 109 110 111 112



Control unit in dash panel insert, Dash panel insert

J48 Heated rear window control relay

J285 Control unit in dash panel insert

K Dash panel insert

SC2 Fuse 2 on fuse holder C

SC5 Fuse 5 on fuse holder C

SC6 Fuse 6 on fuse holder C

SC21 Fuse 21 on fuse holder C

SB28 Fuse 28 on fuse holder B

SB38 Fuse 38 on fuse holder B

T9i 9-pin connector

T32a 32-pin connector

B273 Positive connection (15), in main wiring harness

B277 Positive connection 1 (15a) in main wiring harness

B299 Positive connection 3 (30), in main wiring harness

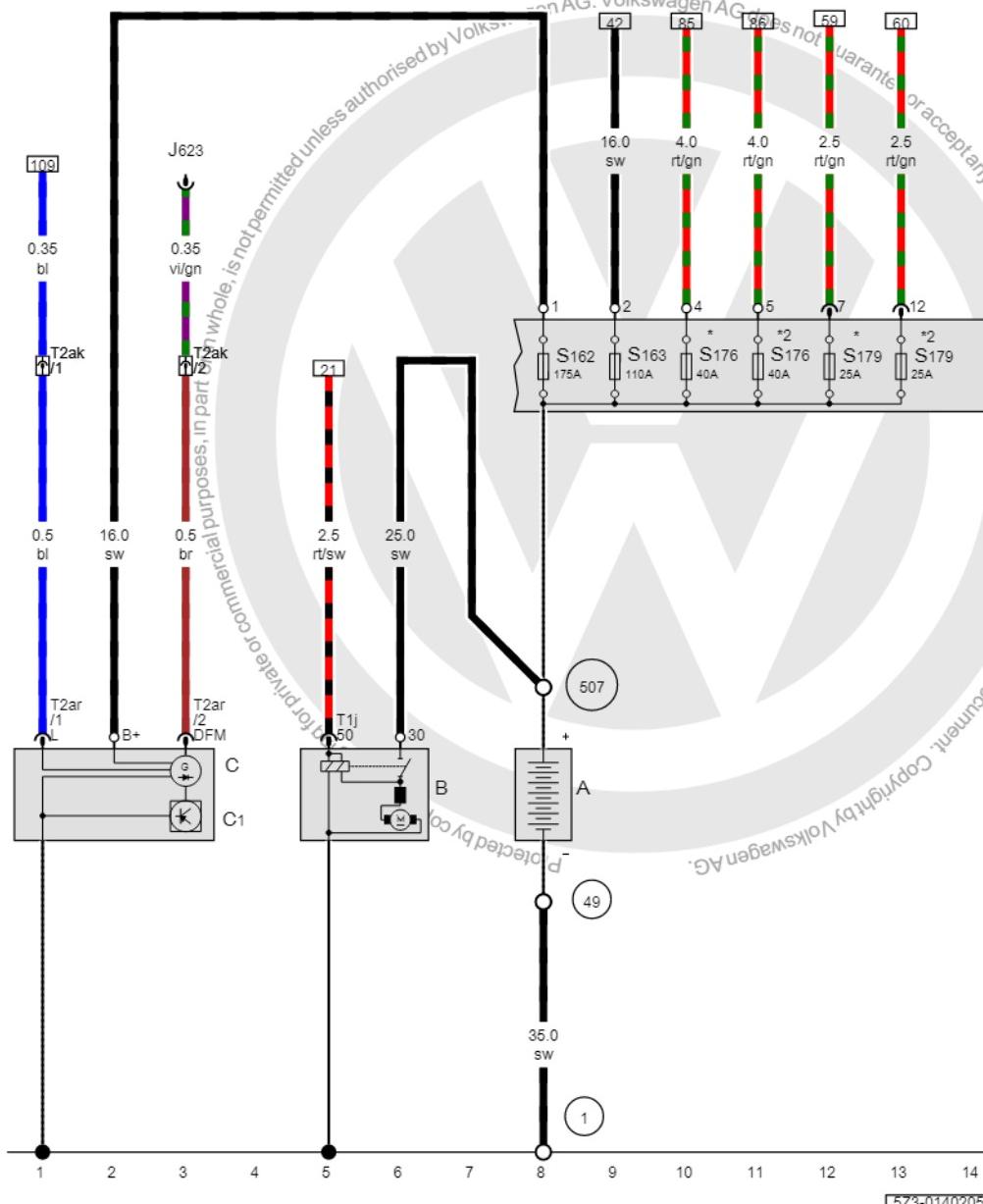
* Only models with operating unit for radio

Anti-lock brake system (ABS)

From August 2009



Battery, Starter, Alternator, Voltage regulator



- A Battery
 B Starter
 C Alternator
 C1 Voltage regulator
 J623 Engine control unit
 S162 Fuse 1 (30), in battery fuse holder
 S163 Fuse 2 (30), in battery fuse holder
 S176 Fuse 4 (30), in battery fuse holder
 S179 Fuse 7 (30), in battery fuse holder
 T2ak 2-pin connector, in engine compartment
 T2ar 2-pin connector

1 Earth strap, battery - body

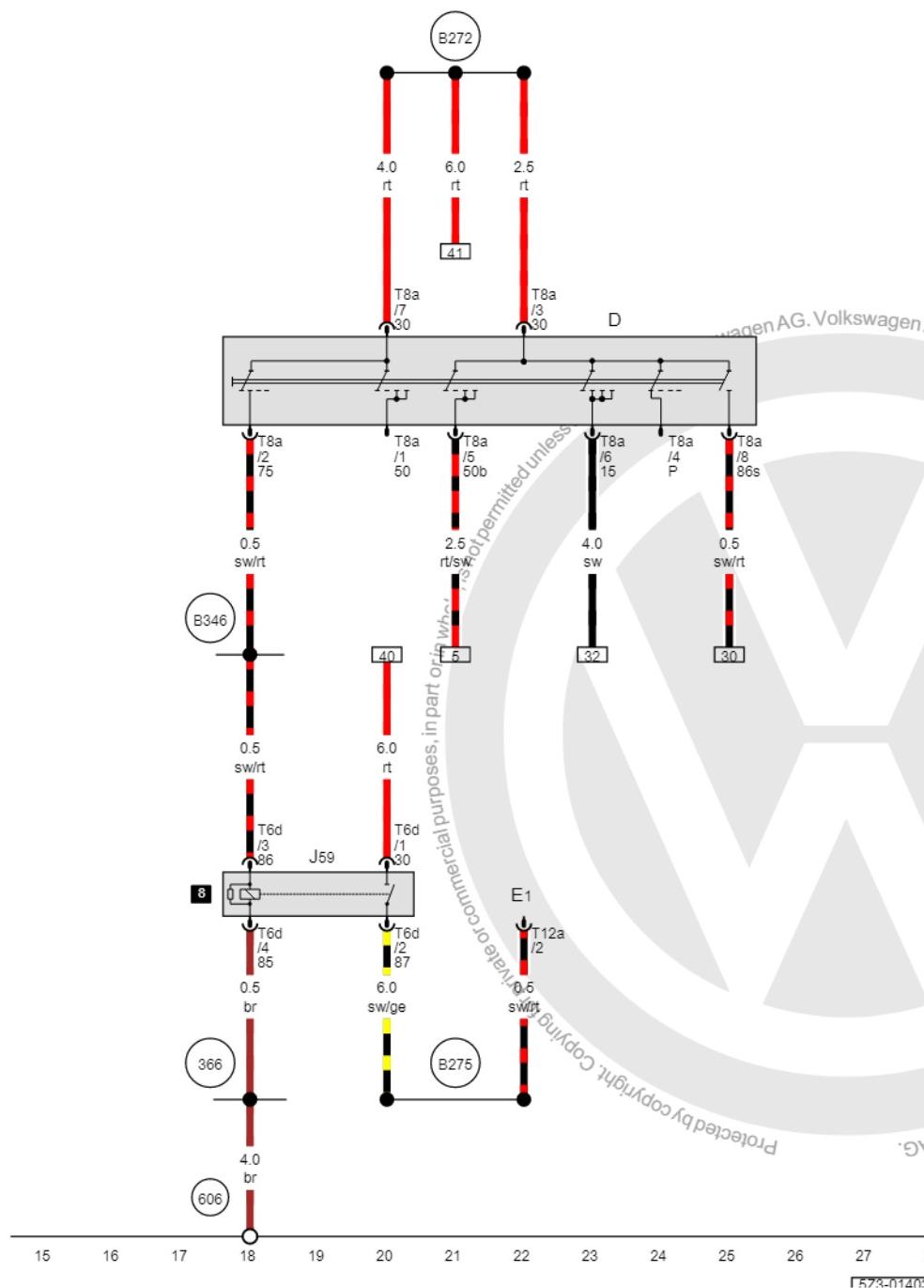
49 Earth point, near ..., near battery

507 Threaded connection (30), on battery fuse holder

* Up to February 2011

*2 From February 2011

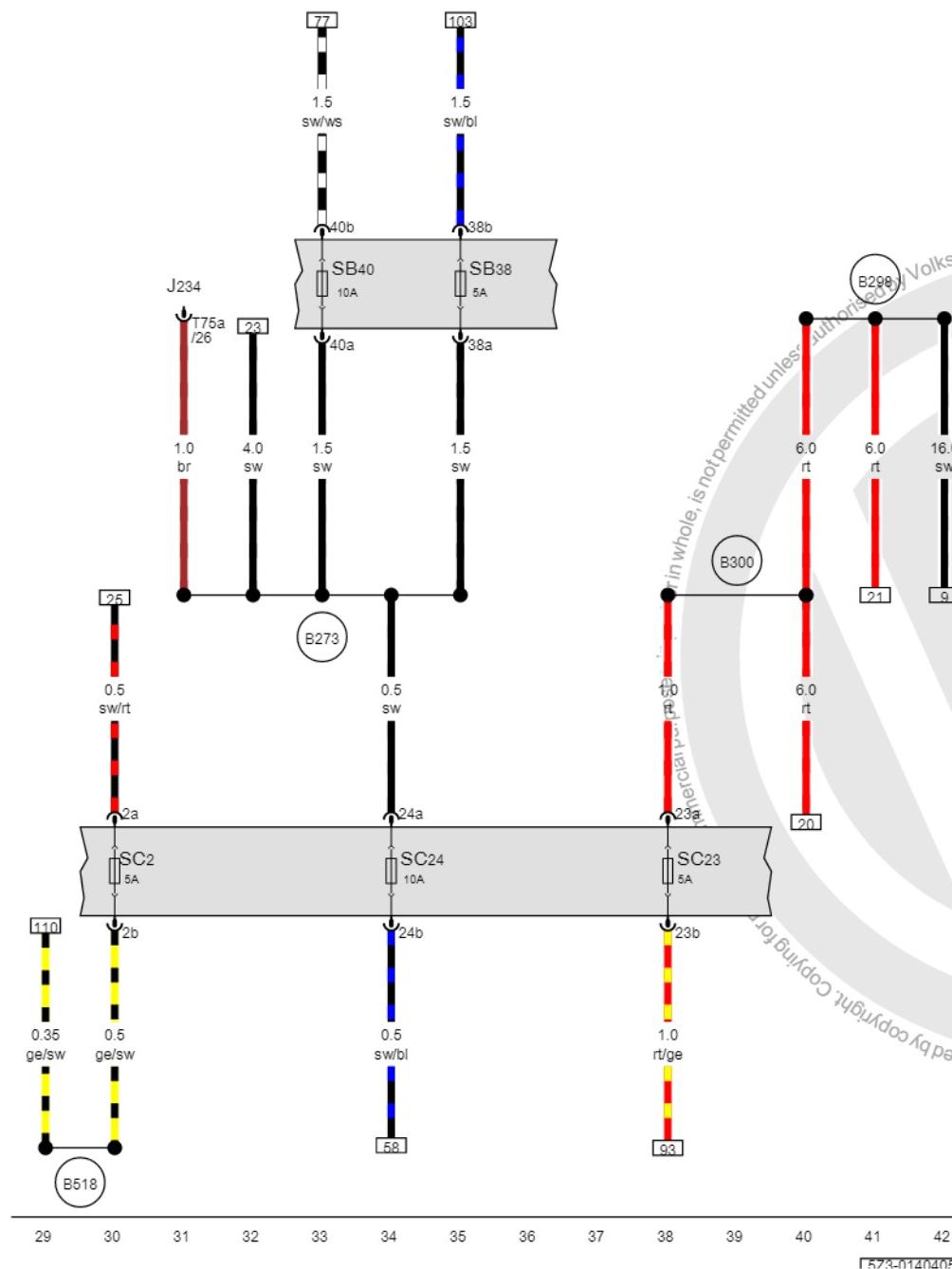
ws	= white
sw	= black
ro	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
ge	= yellow
or	= orange
rs	= pink



Ignition/starter switch, X-contact relief relay

- | | |
|------|---|
| D | Ignition/starter switch |
| E1 | Light switch |
| J59 | X-contact relief relay |
| T6d | 6-pin connector |
| T8a | 8-pin connector |
| T12a | 12-pin connector |
| 366 | Earth connection 1, in main wiring harness |
| 606 | Earth point, under the centre console near gear stick |
| B272 | Positive connection (30), in main wiring harness |
| B275 | Positive connection (87), in main wiring harness |
| B346 | Connection 1 (75), in main wiring harness |

ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink



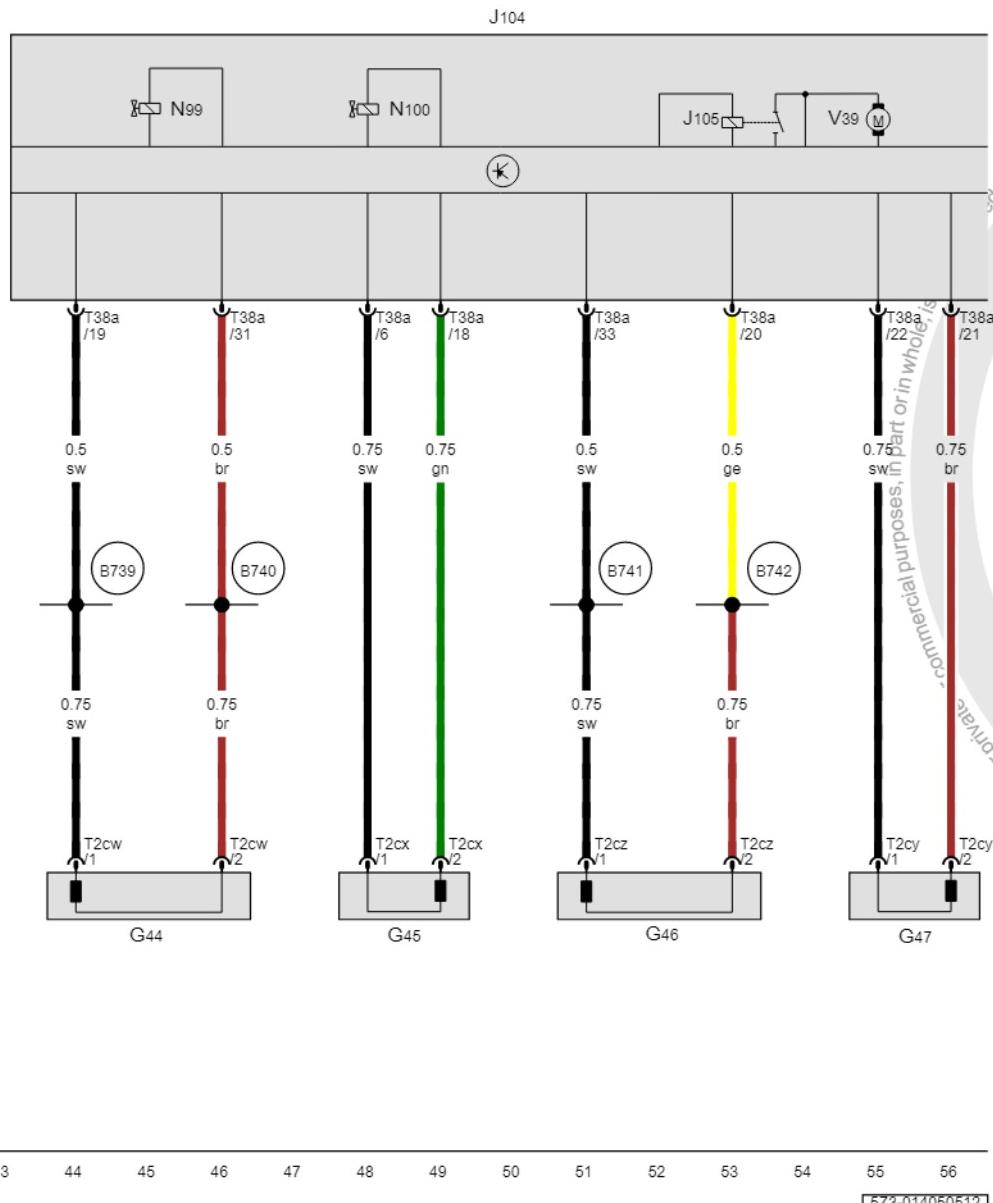
Fuse 2 on fuse holder C, Fuse 23 on fuse holder C, Fuse 24 on fuse holder C, Fuse 38 on fuse holder B, Fuse 40 on fuse holder B

J234 Airbag control unit
 SC2 Fuse 2 on fuse holder C
 SC23 Fuse 23 on fuse holder C
 SC24 Fuse 24 on fuse holder C
 SB38 Fuse 38 on fuse holder B
 SB40 Fuse 40 on fuse holder B
 T75a 75-pin connector

- B273 Positive connection (15), in main wiring harness
- B298 Positive connection 2 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B518 Connection (865), in main wiring harness

Protected by copyright. Copying for commercial purposes is prohibited. Volkswagen AG does not guarantee or accept any liability with respect to the correctness of information in this document. 1573-0120405121

Rear right speed sensor, Front right speed sensor, Rear left speed sensor, Front left speed sensor, ABS control unit, ABS return flow pump relay, Front right ABS inlet valve, Front right ABS outlet valve, ABS return flow pump



G44 Rear right speed sensor

G45 Front right speed sensor

G46 Rear left speed sensor

G47 Front left speed sensor

J104 ABS control unit

J105 ABS return flow pump relay

N99 Front right ABS inlet valve

N100 Front right ABS outlet valve

T2cw 2-pin connector

T2cx 2-pin connector

T2cy 2-pin connector

T2cz 2-pin connector

T38a 38-pin connector

V39 ABS return flow pump

B739 Connection (rear right speed sensor +), in main wiring harness

B740 Connection (rear right speed sensor -), in main wiring harness

B741 Connection (rear left speed sensor +), in main wiring harness

B742 Connection (rear left speed sensor -), in main wiring harness

ws = white

sw = black

ro = red

br = brown

gn = green

bl = blue

gr = grey

li = purple

ge = yellow

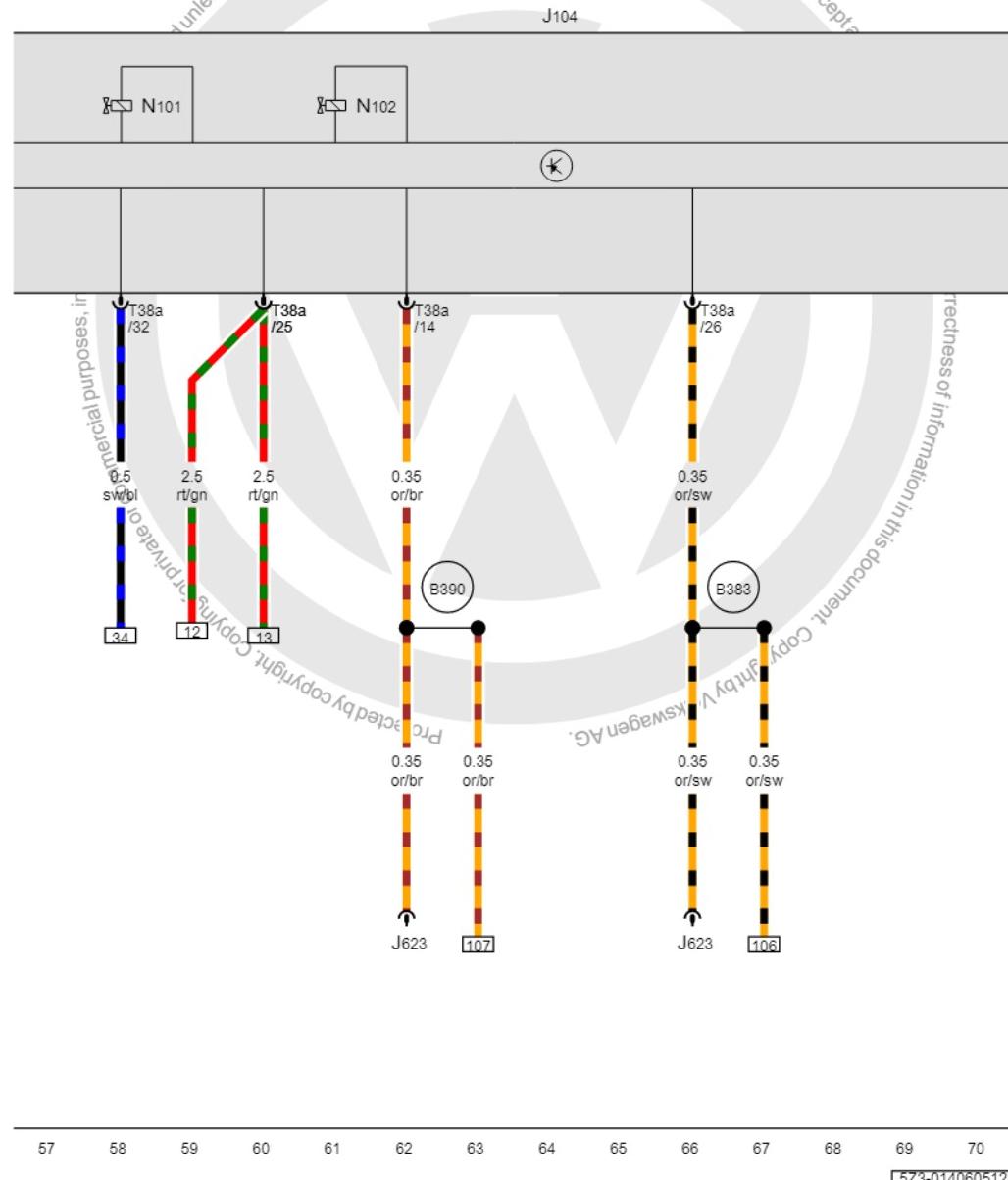
or = orange

rs = pink

unless authorised by Volkswagen AG. Volkswagen AG does not guarantee or accept responsibility for any damage which may be caused by incorrect use of this document. Copying or distribution for commercial purposes is prohibited.

J104
N101
N102
T38a
J104

B383
B390
Connection 1 (powertrain CAN bus, high), in main wiring harness
Connection 1 (powertrain CAN bus, low), in main wiring harness



Brake light switch, Brake pedal switch, ABS control unit, ABS solenoid valve relay, Rear right ABS inlet valve, Rear left ABS inlet valve

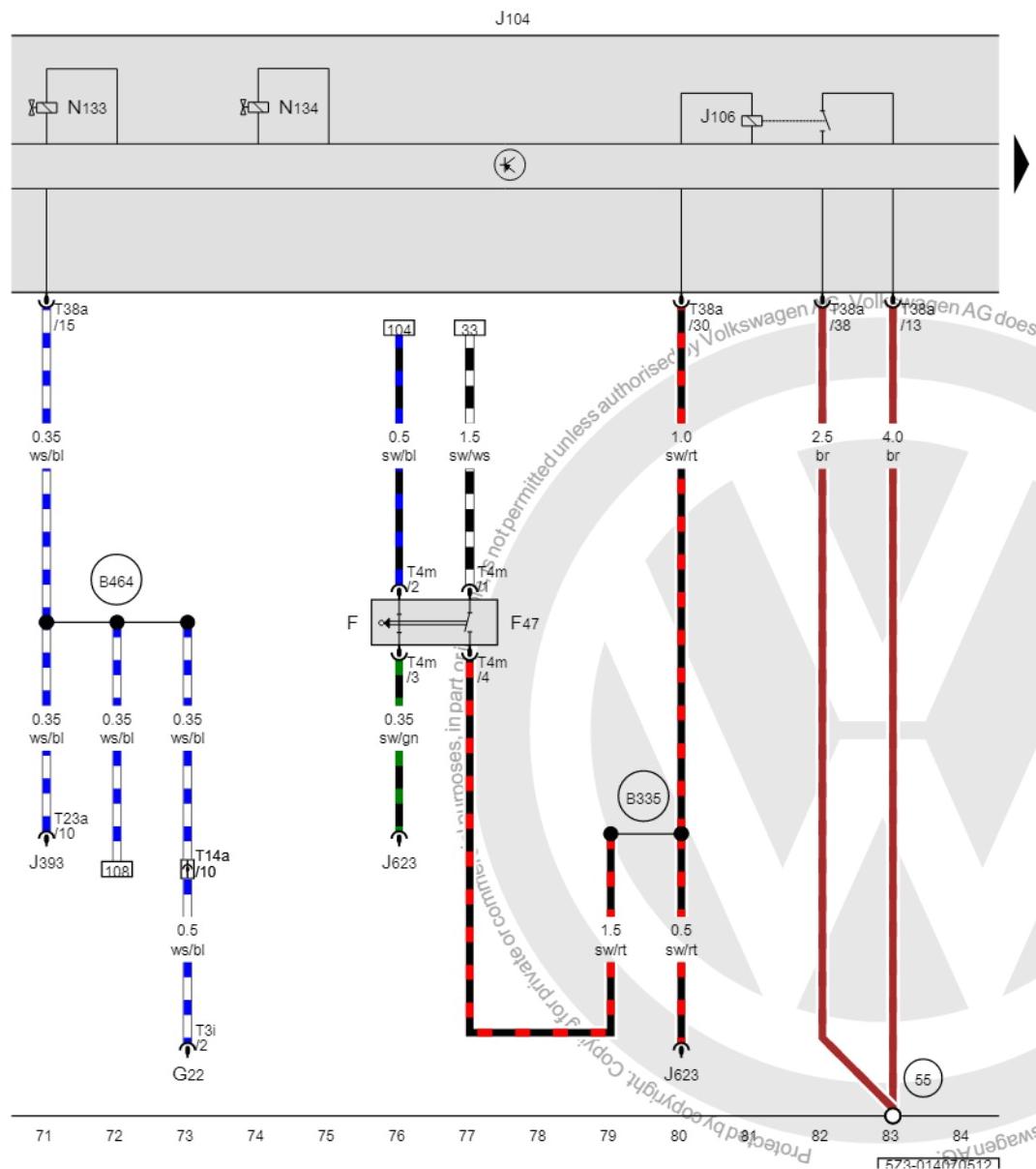
F	Brake light switch
F47	Brake pedal switch
G22	Speedometer sender
J104	ABS control unit
J106	ABS solenoid valve relay
J393	Convenience system central control unit
J623	Engine control unit
N133	Rear right ABS inlet valve
N134	Rear left ABS inlet valve
T3i	3-pin connector
T4m	4-pin connector
T14a	14-pin connector, on left in engine compartment
T23a	23-pin connector
T38a	38-pin connector

55 Earth point, next to ABS control unit

B335 Connection 1 (54), in main wiring harness

B464 Connection (speed signal), in main wiring harness

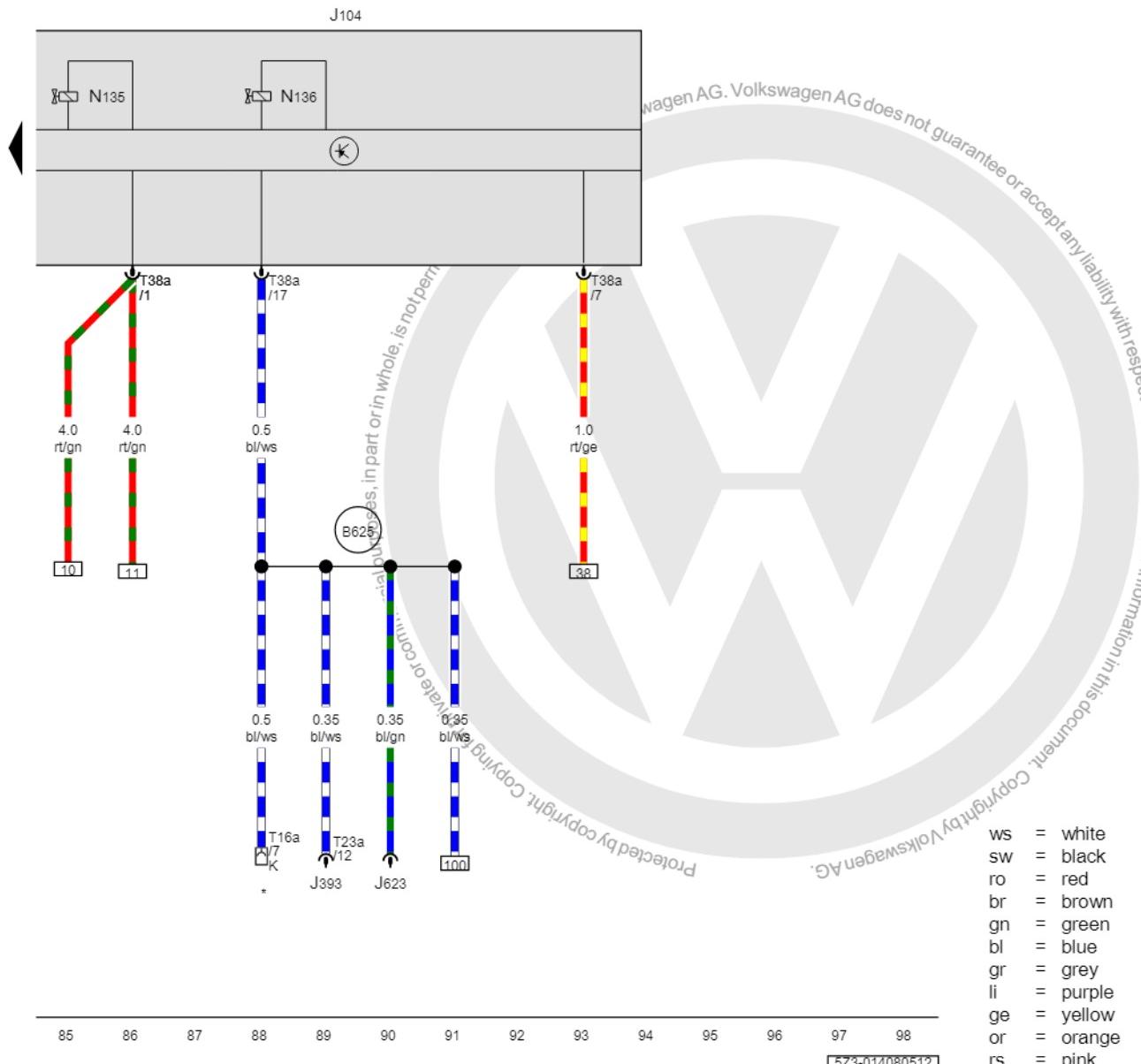
ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink



ABS control unit, Rear right ABS outlet valve, Rear left ABS outlet valve

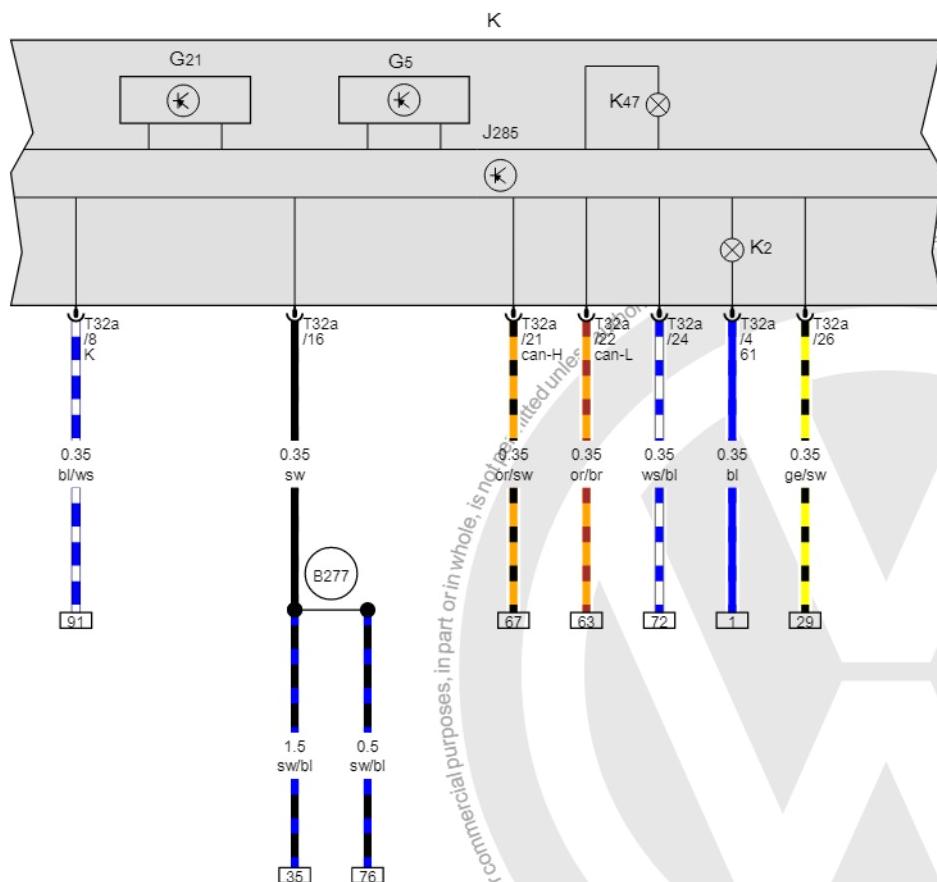
J104 ABS control unit
 J393 Convenience system central control unit
 J623 Engine control unit
 N135 Rear right ABS outlet valve
 N136 Rear left ABS outlet valve
 T16a 16-pin connector
 T23a 23-pin connector
 T38a 38-pin connector

B625 Connection (K-diagnosis wire), in main wiring harness
 * Diagnostic connection



ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

85 86 87 88 89 90 91 92 93 94 95 96 97 98 1573-0120805121



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted.
Copyright Volkswagen AG.

Rev. counter, Speedometer, Control unit in dash panel
insert, Dash panel insert, Alternator warning lamp, ABS
warning lamp

- G5 Rev. counter
- G21 Speedometer
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- K47 ABS warning lamp
- T32a 32-pin connector

B277 Positive connection 1 (15a) in main wiring harness

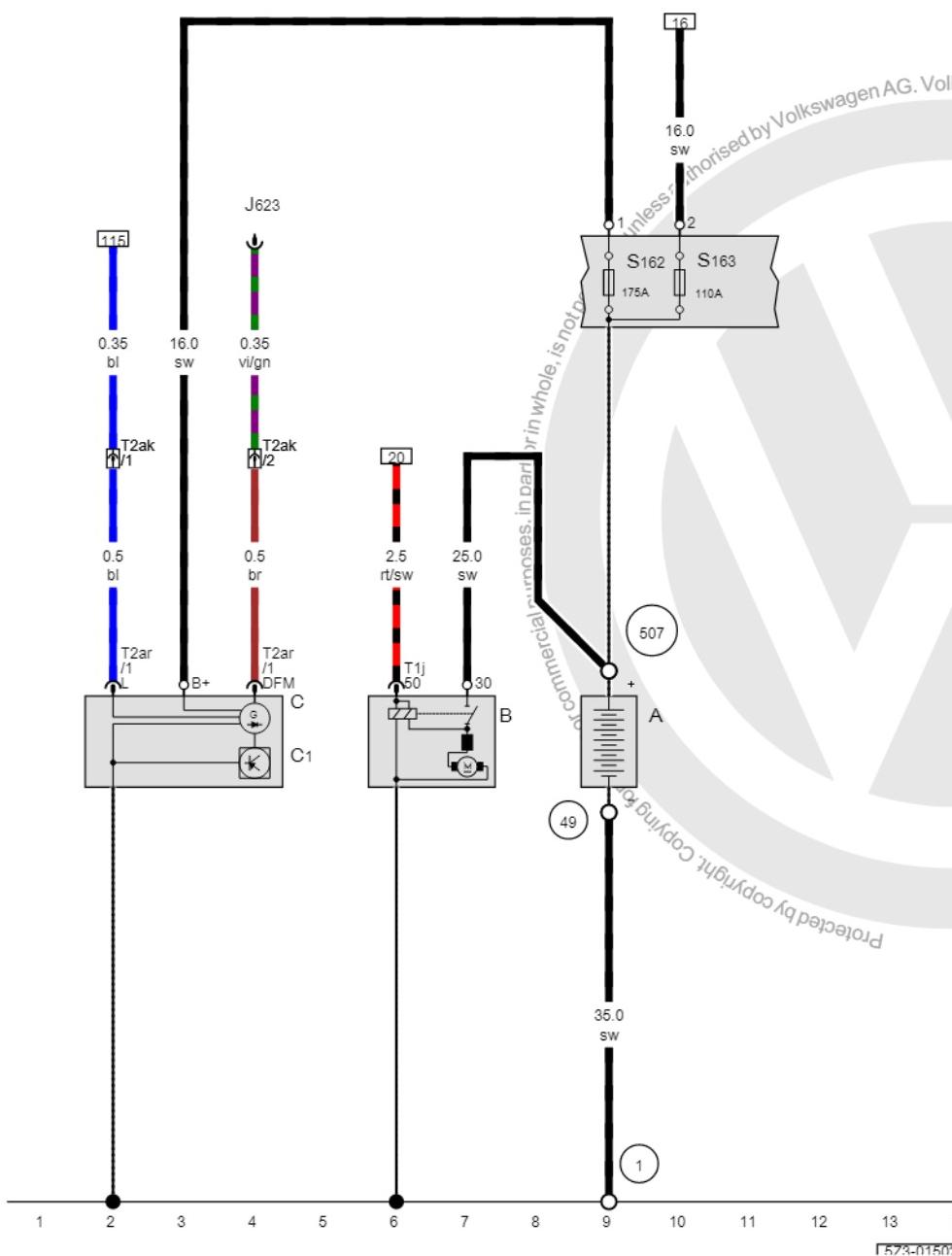
white = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Fog light

From August 2009

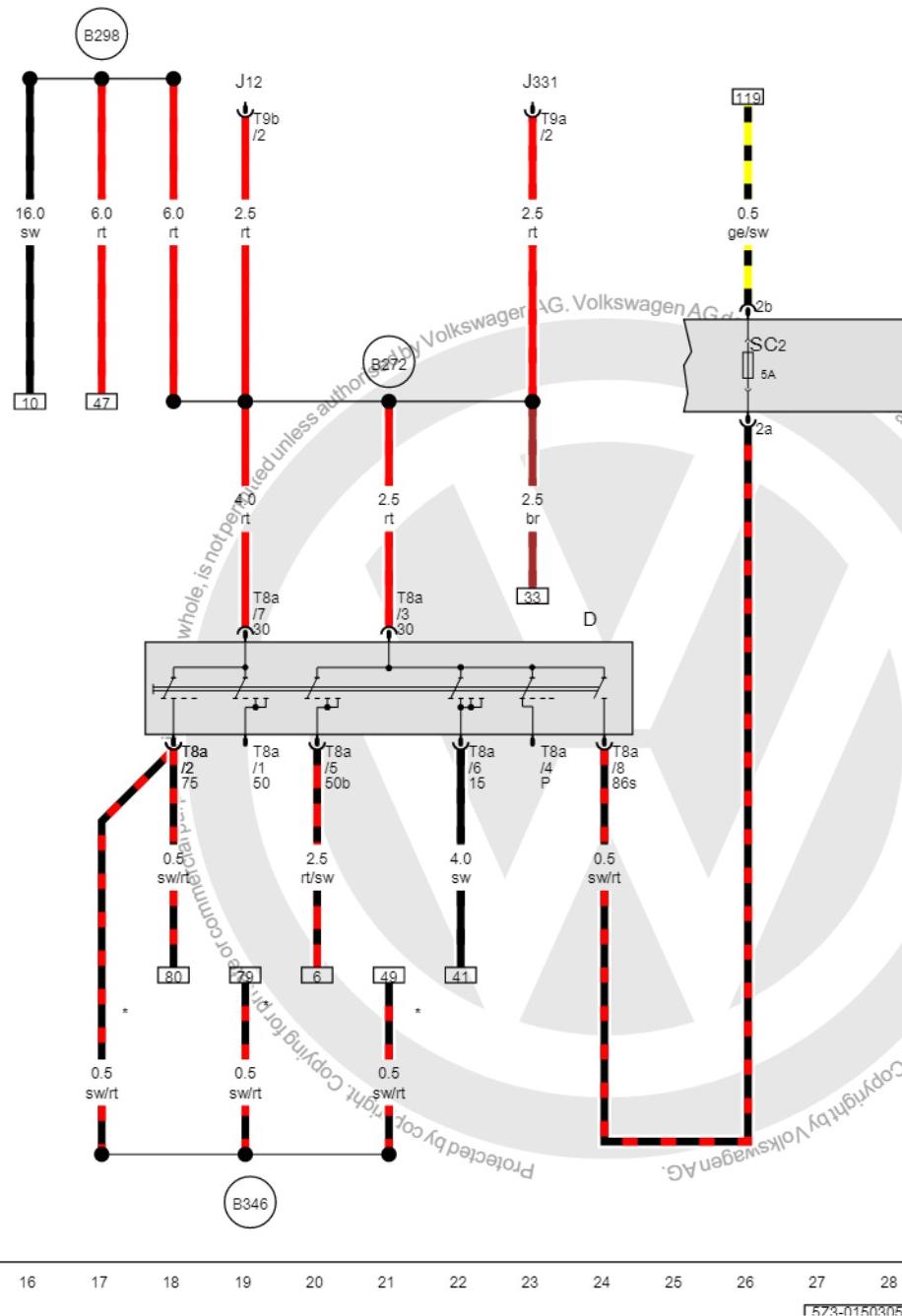


Battery, Starter, Alternator, Voltage regulator



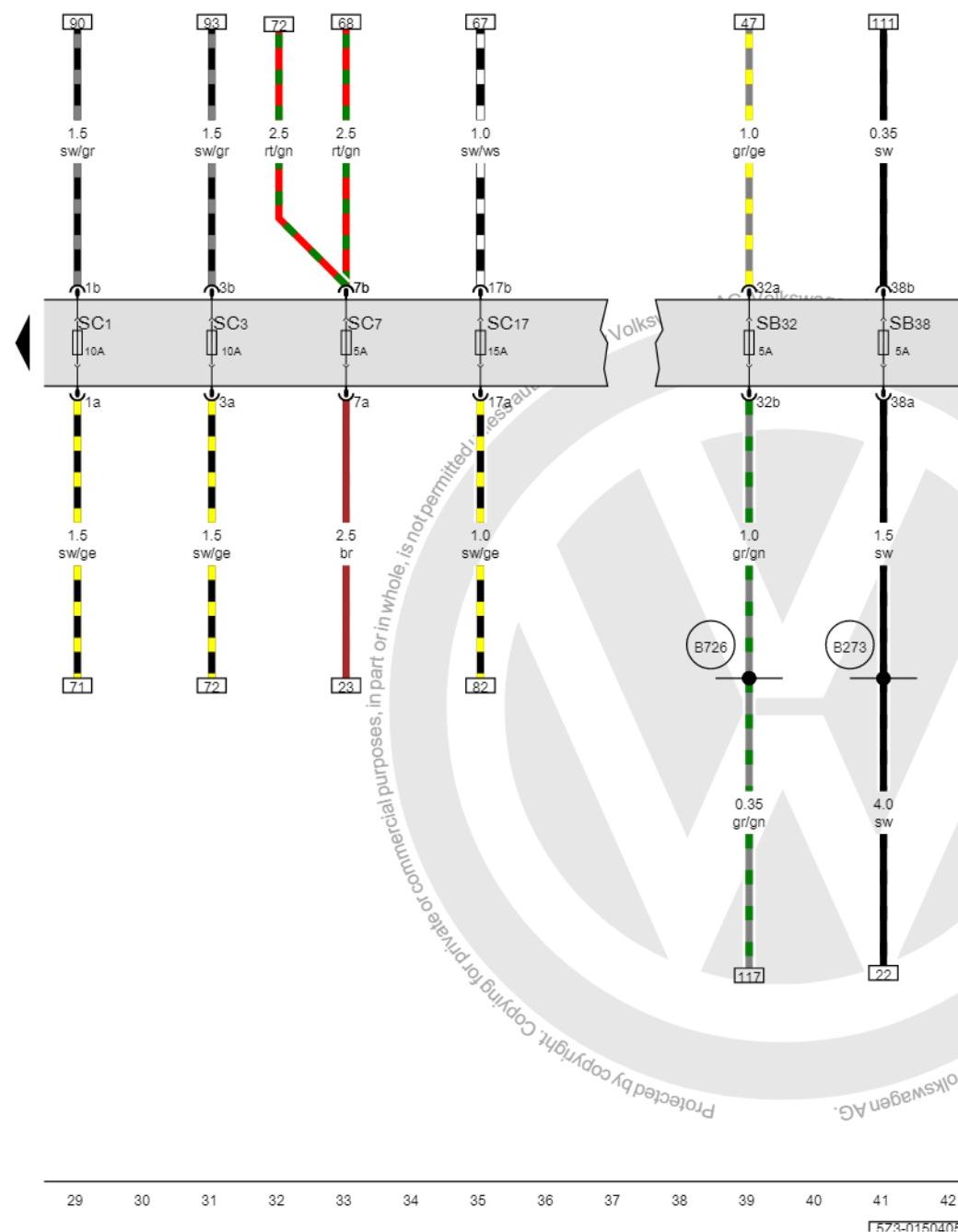
- | | |
|------|--|
| A | Battery |
| B | Starter |
| C | Alternator |
| C1 | Voltage regulator |
| J623 | Engine control unit |
| S162 | Fuse 1 (30), in battery fuse holder |
| S163 | Fuse 2 (30), in battery fuse holder |
| T2ak | 2-pin connector, in engine compartment |
| T2ar | 2-pin connector |
| 1 | Earth strap, battery - body |
| 49 | Earth point, near ..., near battery |
| 507 | Threaded connection (30), on battery fuse holder |

ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

**Ignition/starter switch**

- | | |
|------|--|
| D | Ignition/starter switch |
| J12 | Headlight main beam relay |
| J331 | Dipped beam relay |
| SC2 | Fuse 2 on fuse holder C |
| T8a | 8-pin connector |
| T9a | 9-pin connector |
| T9b | 9-pin connector |
| B272 | Positive connection (30), in main wiring harness |
| B298 | Positive connection 2 (30), in main wiring harness |
| B346 | Connection 1 (75), in main wiring harness |
- * From November 2009

ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

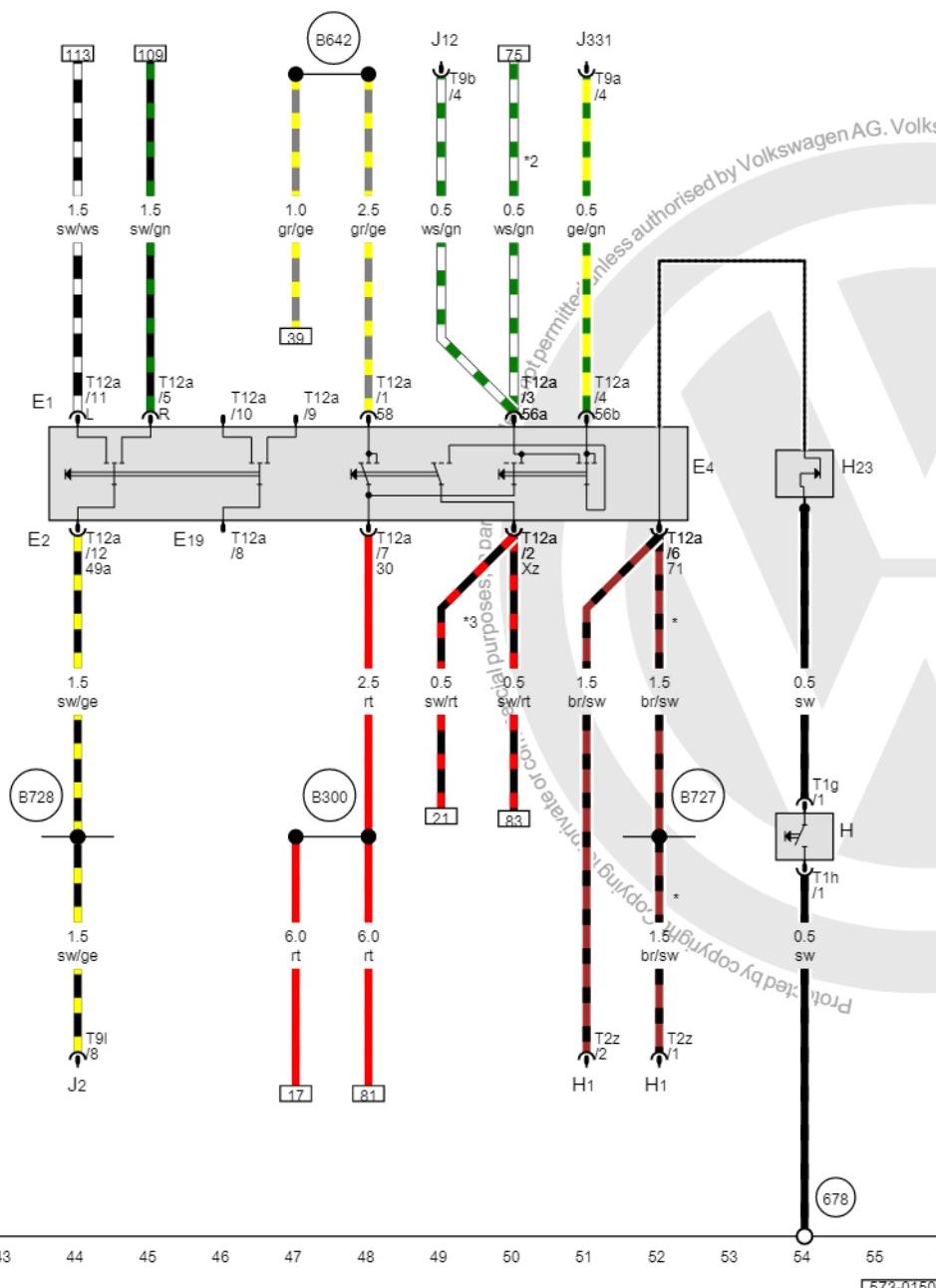


ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

29 30 31 32 33 34 35 36 37 38 39 40 41 42

1573-0150405121

Light switch, Turn signal switch, Headlight dipper and flasher switch, Parking light switch, Horn plate, Horn activation contact ring



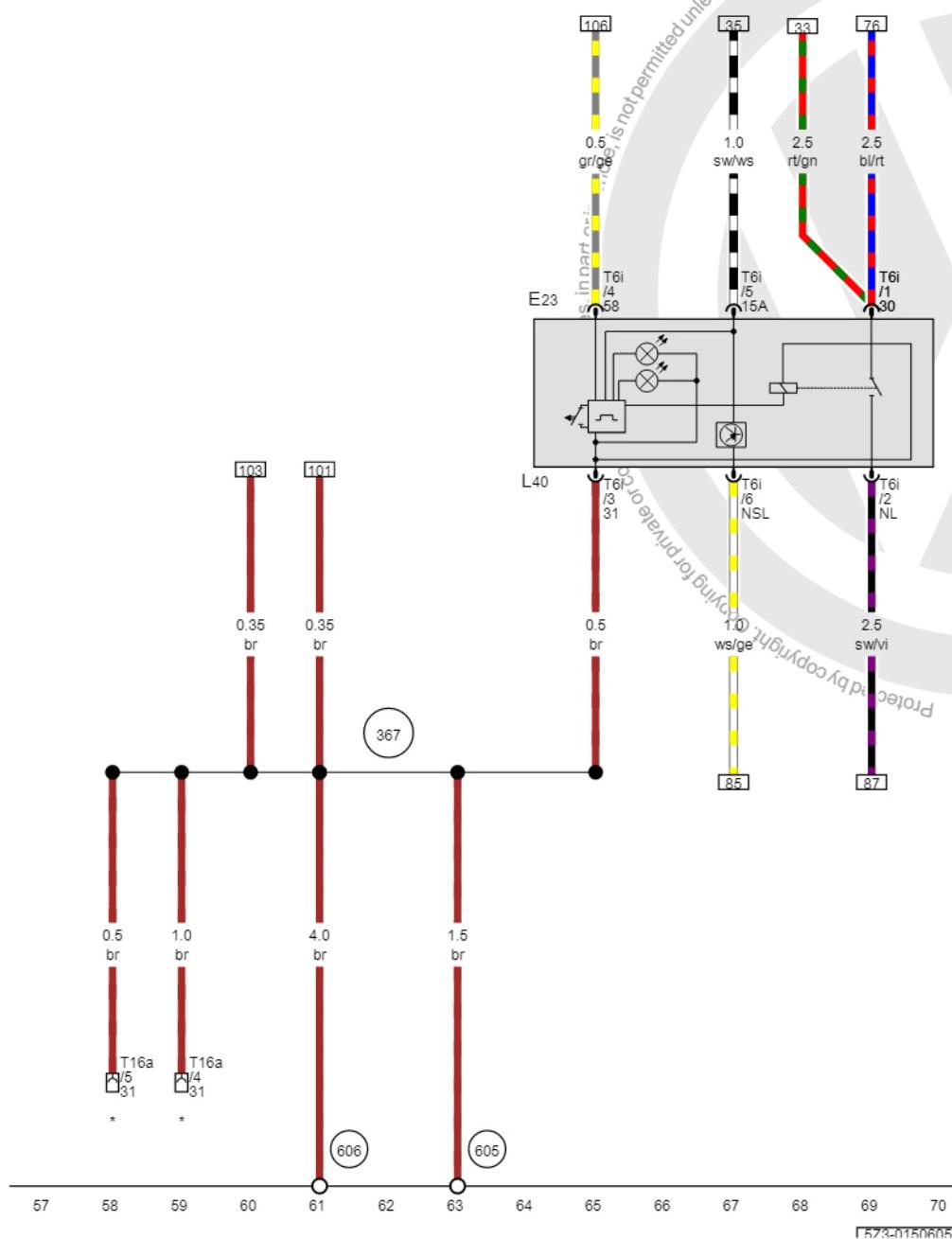
E1	Light switch
E2	Turn signal switch
E4	Headlight dipper and flasher switch
E19	Parking light switch
H	Horn plate
H1	Horn or dual tone horn
H23	Horn activation contact ring
J2	Hazard warning light relay
J12	Headlight main beam relay
J331	Dipped beam relay
T1g	Single connector
T1h	Single connector
T2z	2-pin connector
T9a	9-pin connector
T9b	9-pin connector
T9i	9-pin connector
T12a	12-pin connector
678	Earth point, on steering wheel
B300	Positive connection 4 (30), in main wiring harness
B642	Positive connection (58), in main wiring harness
B727	Connection (71a), in main wiring harness
B728	Connection (49a), in main wiring harness

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Front and rear fog light switch, Front and rear fog light switch illumination bulb

- E23 Front and rear fog light switch
 - L40 Front and rear fog light switch illumination bulb
 - T6i 6-pin connector
 - T16a 16-pin connector
 - 367 Earth connection 2, in main wiring harness
 - 605 Earth point, on top end of steering column
 - 606 Earth point, under the centre console near gear stick

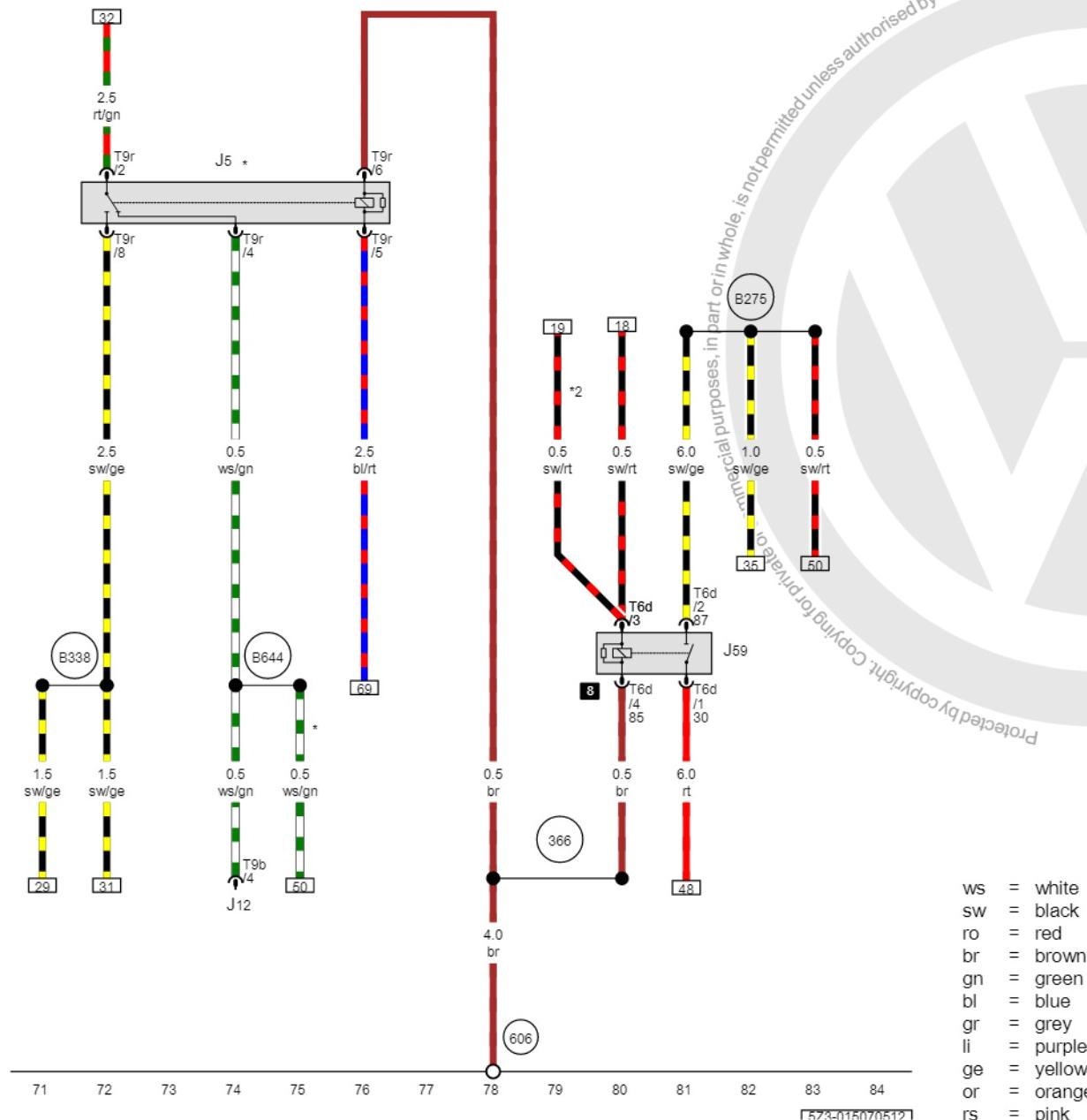
* Diagnostic connection



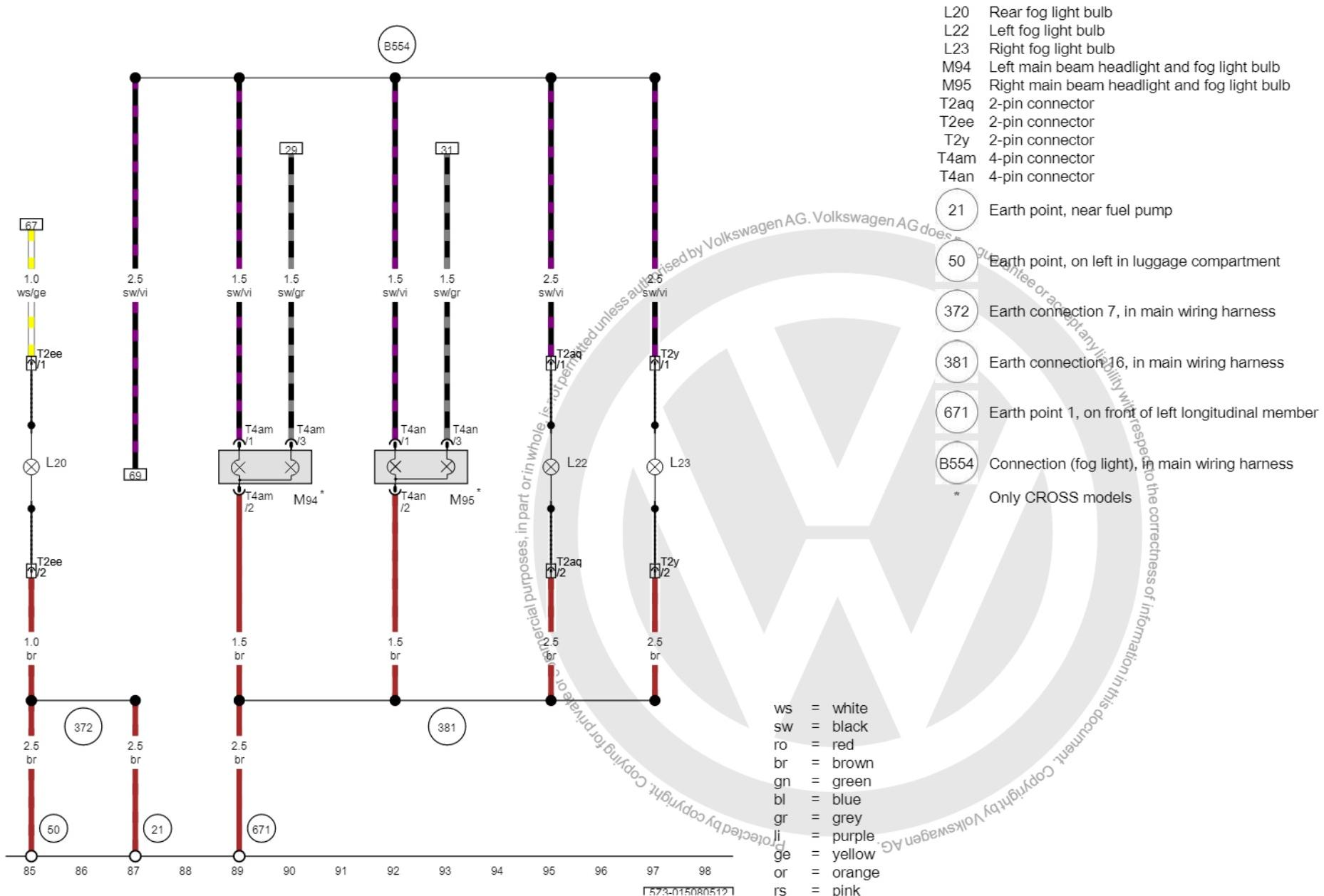
ws	= white
sw	= black
ro	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
ge	= yellow
or	= orange
rs	= pink

Fog light relay, X-contact relief relay

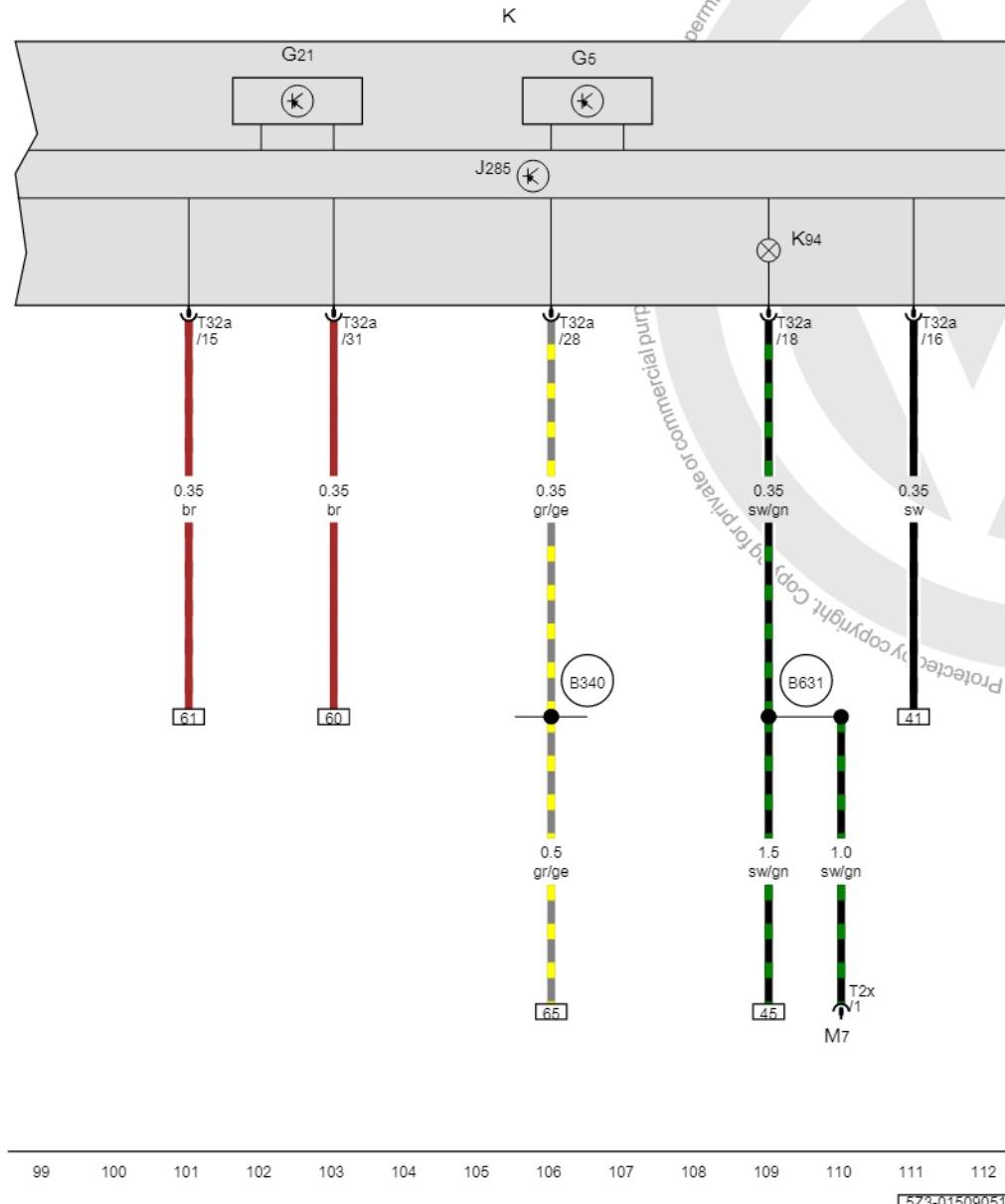
- Protected by copyright. Copying or publishing is prohibited without the written permission of Volkswagen AG.
Copyright © Volkswagen AG. All rights reserved. Acceptability is not guaranteed with respect to the correctness of information in this document. Copying by Volkswagen AG does not imply acceptance of any liability.
- 35 Fog light relay
 J12 Headlight main beam relay
 J59 X-contact relief relay
 T6d 6-pin connector
 T9b 9-pin connector
 T9r 9-pin connector
 366 Earth connection 1, in main wiring harness
 606 Earth point, under the centre console near gear stick
 B275 Positive connection (87), in main wiring harness
 B338 Connection 1 (56), in main wiring harness
 B644 Connection 3 (56a), in main wiring harness
 * Only CROSS models
 *2 From November 2009



Rear fog light bulb, Left fog light bulb, Right fog light bulb,
Left main beam headlight and fog light bulb, Right main
beam headlight and fog light bulb



Rev. counter, Speedometer, Control unit in dash panel
insert, Dash panel insert, Right turn signal warning lamp



G5 Rev. counter
G21 Speedometer
J285 Control unit in dash panel insert
K Dash panel insert
K94 Right turn signal warning lamp
M7 Front right turn signal bulb
T2x 2-pin connector
T32a 32-pin connector

(B340) Connection 1758d, in main wiring harness

(B631) Positive connection (right turn signal bulb), in main wiring harness

Control unit in dash panel insert, Dash panel insert,
Alternator warning lamp, Left turn signal warning lamp

J285 Control unit in dash panel insert

K Dash panel insert

K2 Alternator warning lamp

K65 Left turn signal warning lamp

M5 Front left turn signal bulb

R Radio

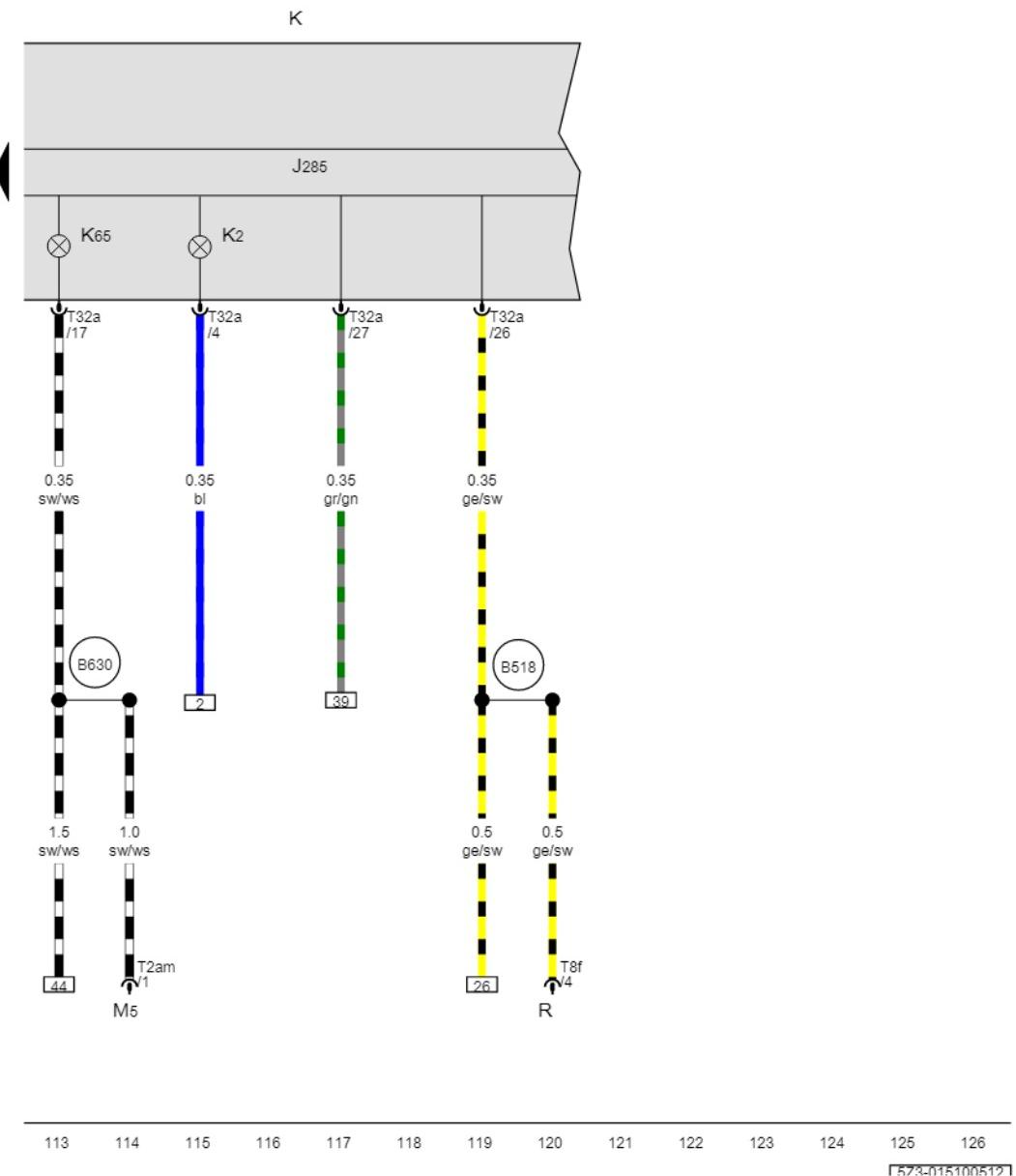
T2am 2-pin connector

T8f 8-pin connector

T32a 32-pin connector

(B518) Connection (86s), in main wiring harness

(B630) Positive connection (left turn signal bulb), in main wiring harness



ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

AG

Volkswagen

Copyright by Volkswagen AG.

Protected by copyright. Copying or printing of parts of this document

for purposes other than personal use is not permitted unless authorized by Volkswagen AG.

Copyright by Volkswagen AG.

Protected by copyright. Copying or printing of parts of this document

for commercial purposes, in part or in whole, is not permitted unless authorized by Volkswagen AG.

Copyright by Volkswagen AG.

Protected by copyright. Copying or printing of parts of this document

for commercial purposes, in part or in whole, is not permitted unless authorized by Volkswagen AG.

Copyright by Volkswagen AG.

Protected by copyright. Copying or printing of parts of this document

for commercial purposes, in part or in whole, is not permitted unless authorized by Volkswagen AG.

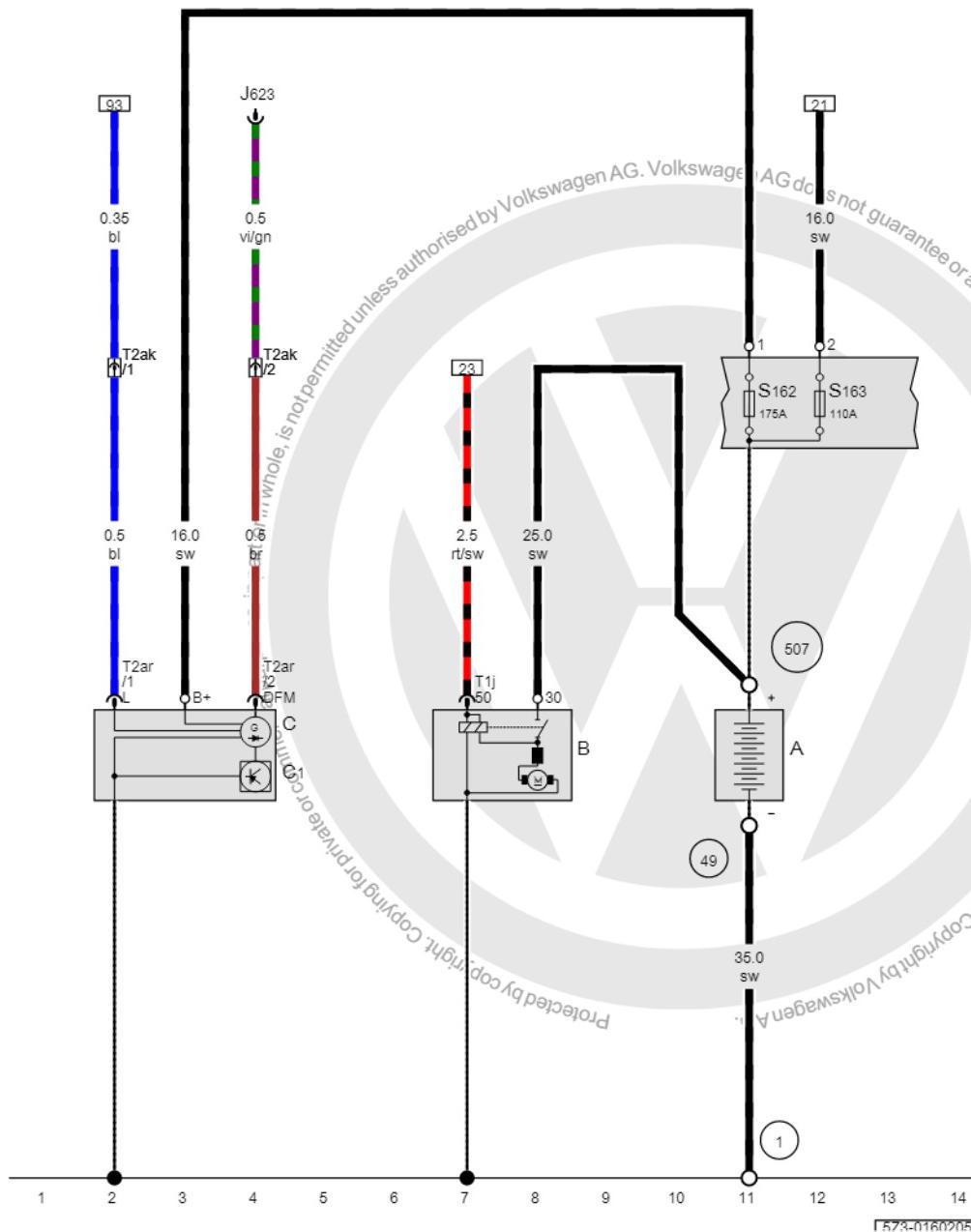
Copyright by Volkswagen AG.

Multifunction steering wheel

From August 2009



Battery, Starter, Alternator, Voltage regulator



ws	= white
sw	= black
ro	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
ge	= yellow
or	= orange
rs	= pink

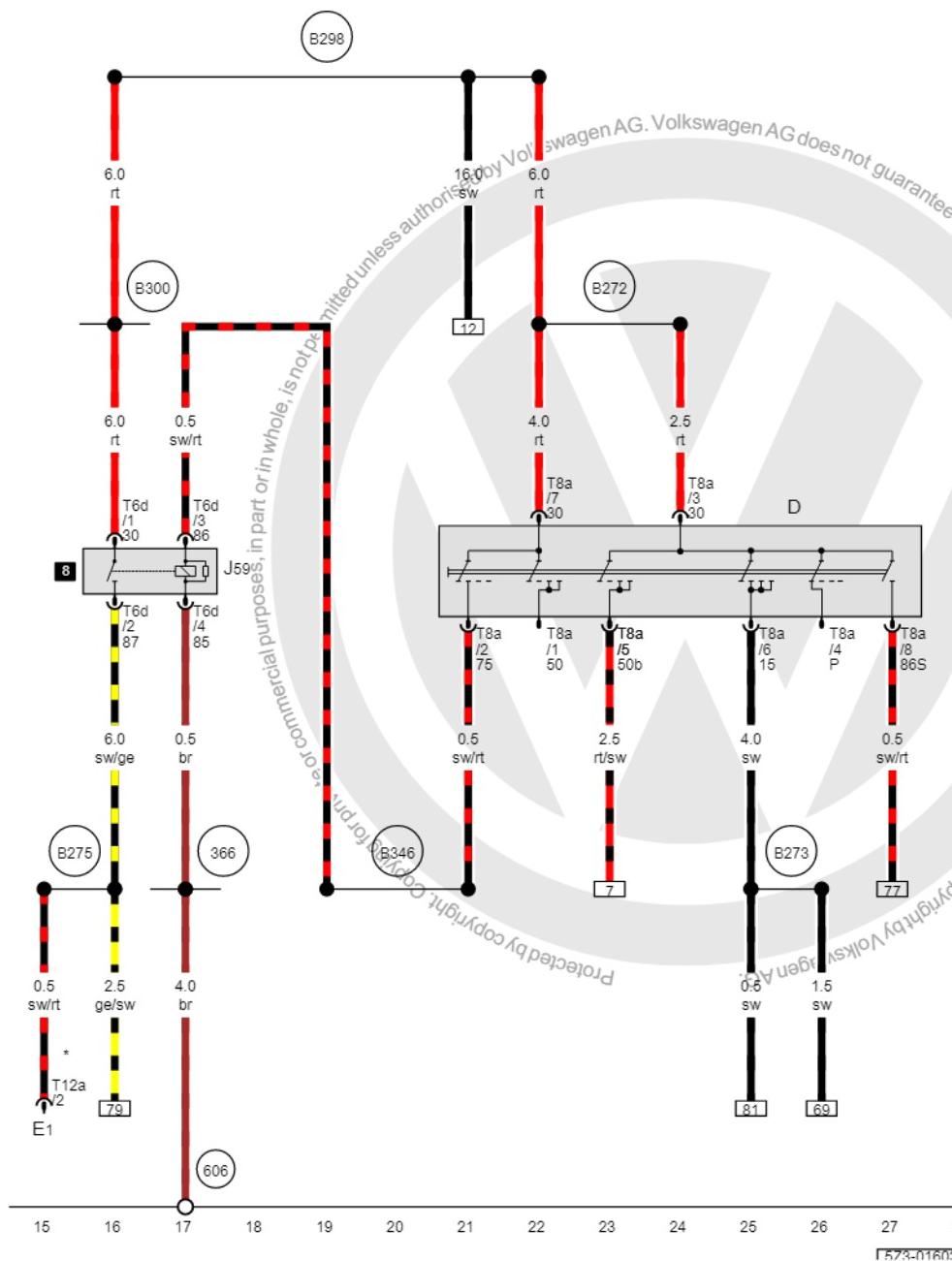
- A Battery
 - B Starter
 - C Alternator
 - C1 Voltage regulator
 - J623 Engine control unit
 - S162 Fuse 1 (30), in battery fuse holder
 - S163 Fuse 2 (30), in battery fuse holder
 - T2ak 2-pin connector, in engine compartment
 - T2ar 2-pin connector

1 Earth strap, battery - body

49 Earth point, near ..., near battery

507 Threaded connection (30), on battery fuse holder

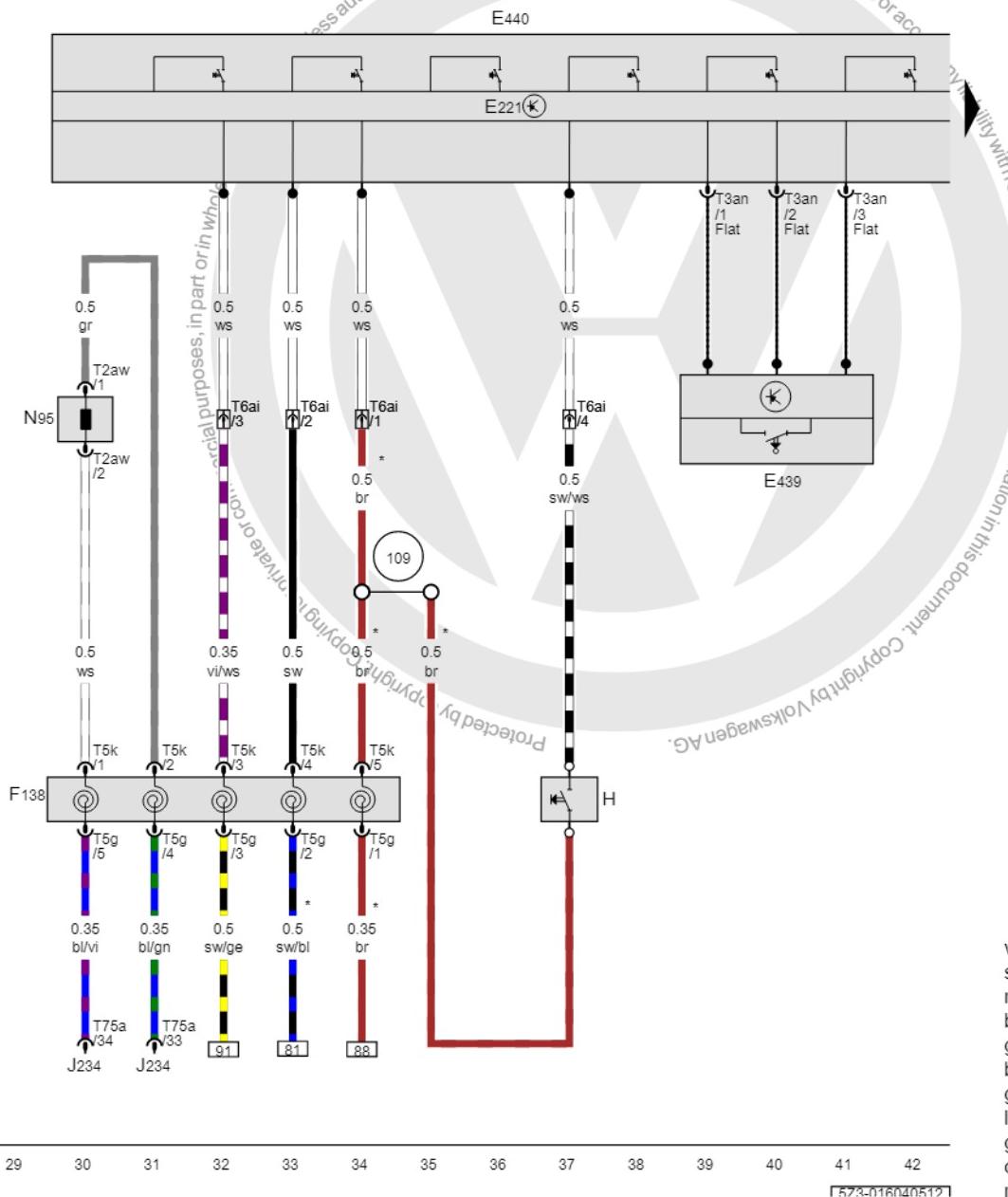
Ignition/starter switch, X-contact relief relay



ws	= white
sw	= black
ro	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
ge	= yellow
or	= orange
rs	= pink

- | | |
|--------|---|
| D | Ignition/starter switch |
| E1 | Light switch |
| J59 | X-contact relief relay |
| T6d | 6-pin connector |
| T8a | 8-pin connector |
| T12a | 12-pin connector |
| (366) | Earth connection 1, in main wiring harness |
| (606) | Earth point, under the centre console near gear stick |
| (B272) | Positive connection (30), in main wiring harness |
| (B273) | Positive connection (15), in main wiring harness |
| (B275) | Positive connection (87), in main wiring harness |
| (B298) | Positive connection 2 (30), in main wiring harness |
| (B300) | Positive connection 4 (30), in main wiring harness |
| (B346) | Connection 1 (75), in main wiring harness |

* Up to March 2010



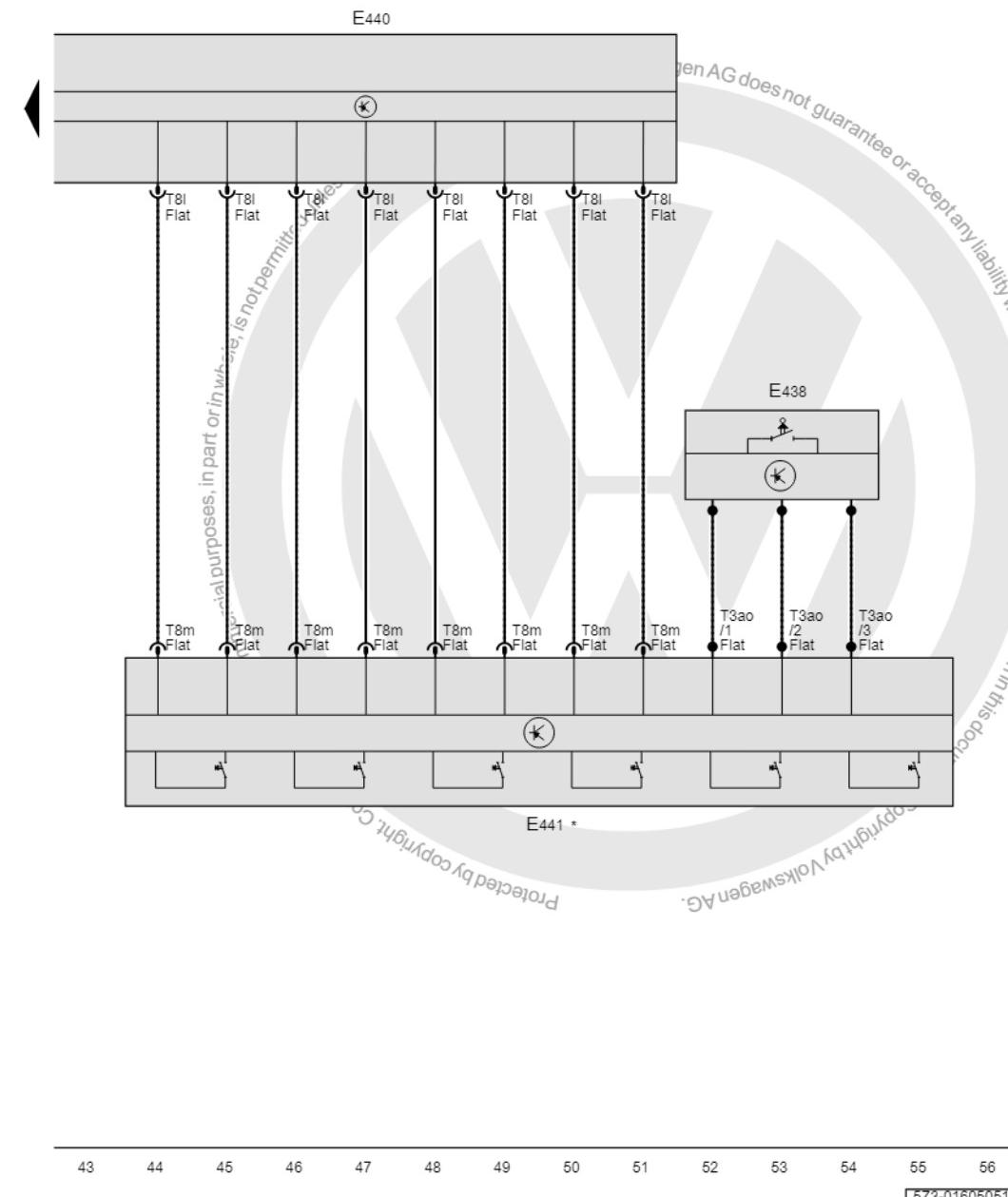
Operating unit in steering wheel, Tiptronic switch in steering wheel to shift down, Multifunction buttons on left in steering wheel, Airbag coil connector and return ring with slip ring, Horn plate, Driver side airbag igniter

- E221 Operating unit in steering wheel
- E439 Tiptronic switch in steering wheel to shift down
- E440 Multifunction buttons on left in steering wheel
- F138 Airbag coil connector and return ring with slip ring
- H Horn plate
- J234 Airbag control unit
- N95 Driver side airbag igniter
- T2aw 2-pin connector
- T3an 3-pin connector
- T5g 5-pin connector
- T5k 5-pin connector
- T6ai 6-pin connector
- T75a 75-pin connector
- 109 Earth connection, in airbag wiring harness

* Only models with operating unit for radio

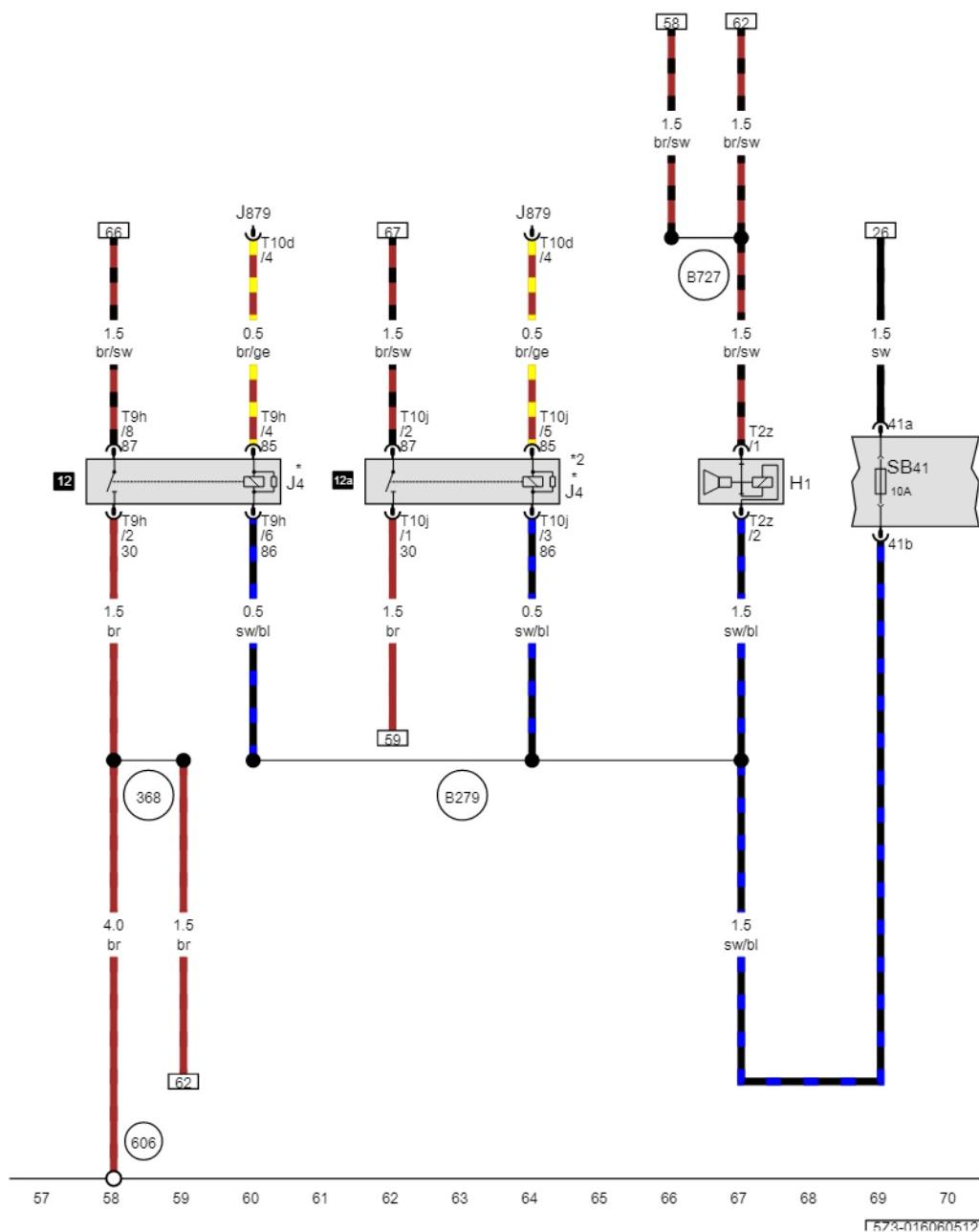
Tiptronic switch in steering wheel to shift up, Multifunction buttons on left in steering wheel, Multifunction buttons on right in steering wheel

- E438 Tiptronic switch in steering wheel to shift up
- E440 Multifunction buttons on left in steering wheel
- E441 Multifunction buttons on right in steering wheel
- T3ao 3-pin connector
- T8l 8-pin connector
- T8m 8-pin connector
- * For models with interactive system



ws	= white
sw	= black
ro	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
ge	= yellow
or	= orange
rs	= pink

Horn or dual tone horn, Dual tone horn relay



Volkswagen AG. Volkswagen AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copying by copyright holder is not permitted unless authorised.

ws	= white
sw	= black
ro	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
ge	= yellow
or	= orange
rs	= pink

1573-01600905121

Fuse 2 on fuse holder C, Fuse 6 on fuse holder C, Fuse 21 on fuse holder C

J48 Heated rear window control relay

R Radio

SC2 Fuse 2 on fuse holder C

SC6 Fuse 6 on fuse holder C

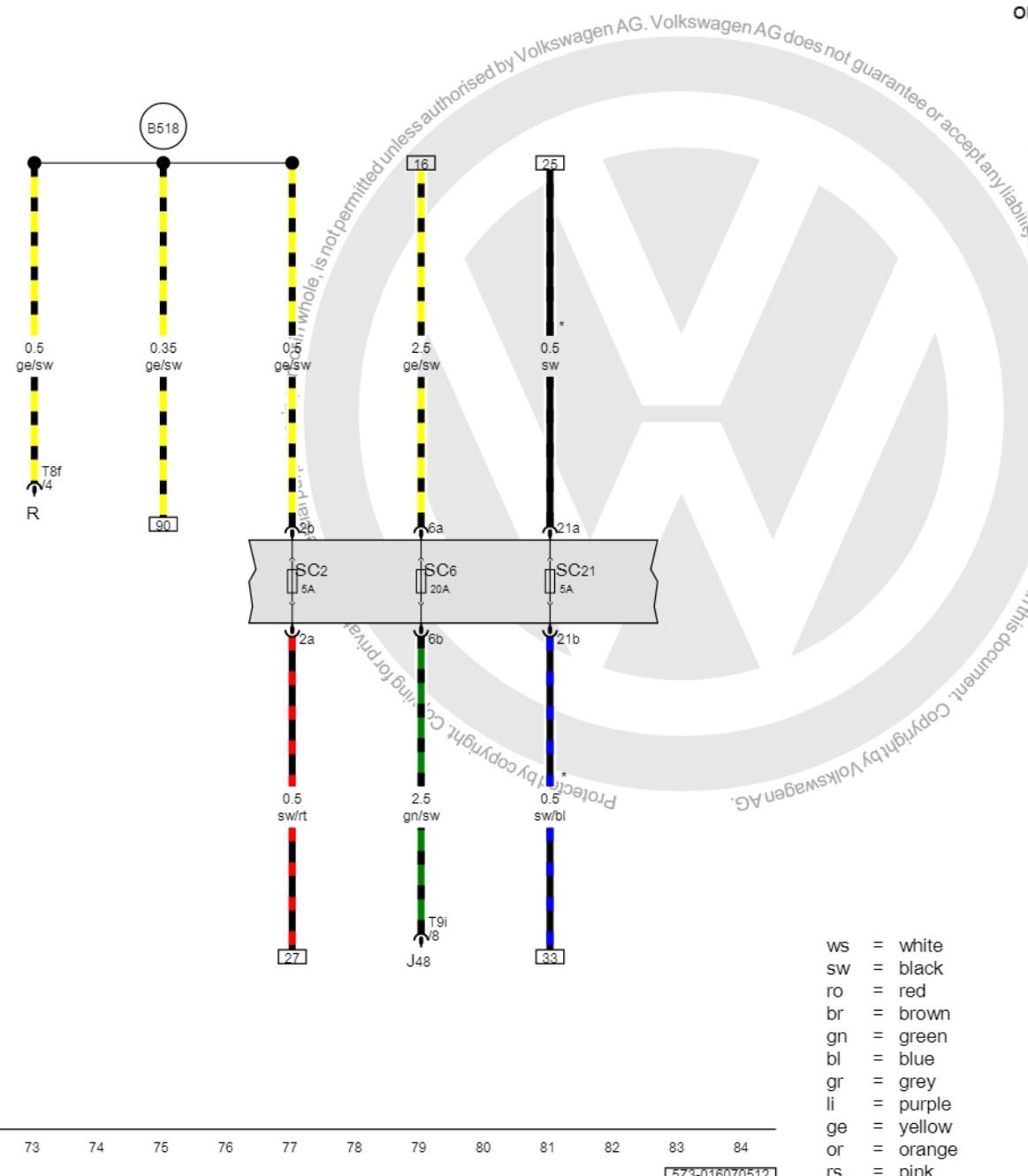
SC21 Fuse 21 on fuse holder C

T8f 8-pin connector

T9i 9-pin connector

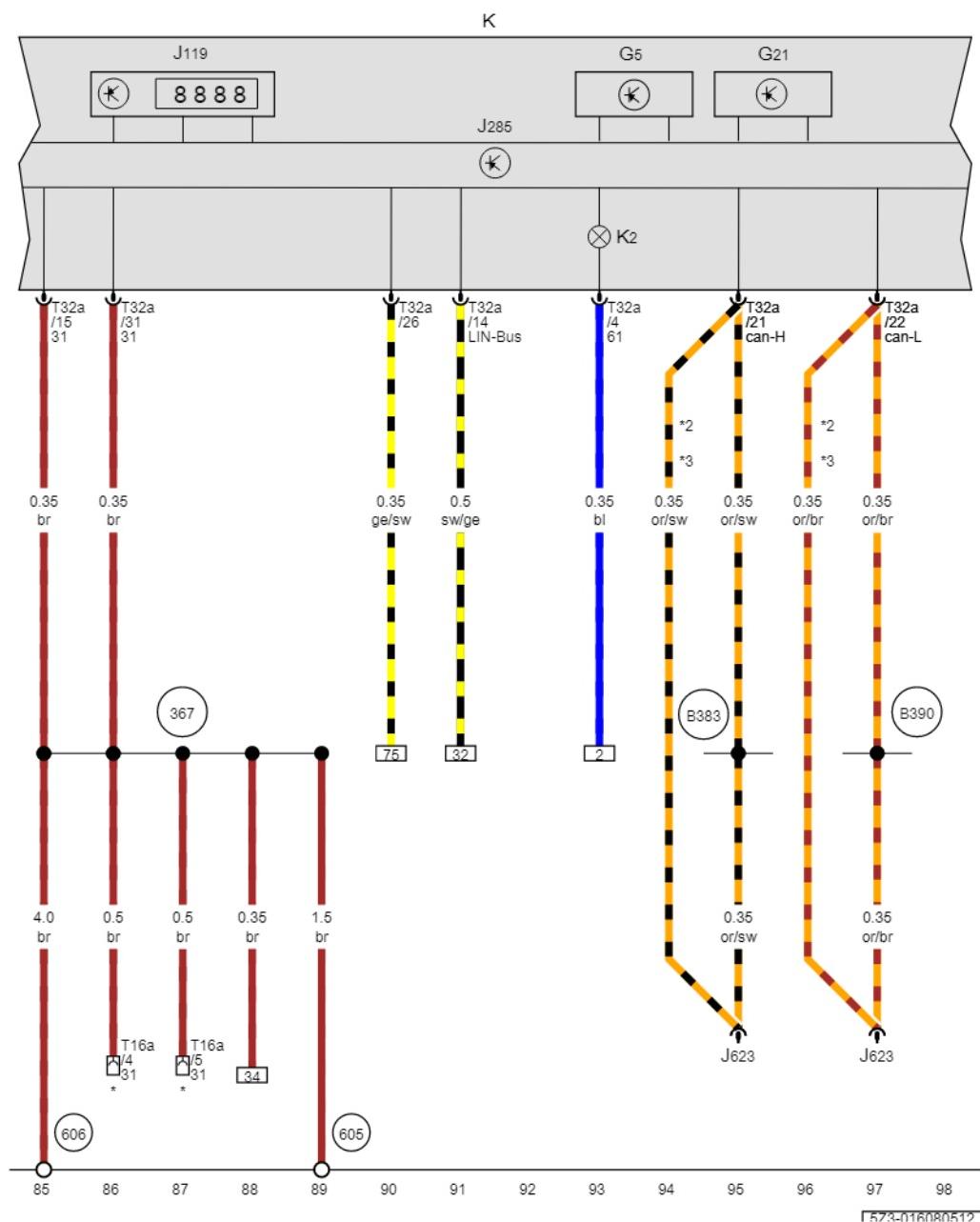
B518 Connection (86s), in main wiring harness

Only models with operating unit for radio



ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

Rev. counter, Speedometer, Multifunction indicator, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp



- G5 Rev. counter
 G21 Speedometer
 J119 Multifunction indicator
 J285 Control unit in dash panel insert
 J623 Engine control unit
 K Dash panel insert
 K2 Alternator warning lamp
 T16a 16-pin connector
 T32a 32-pin connector

- 367 Earth connection 2, in main wiring harness
 605 Earth point, on top end of steering column
 606 Earth point, under the centre console near gear stick
 B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
 B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- * Diagnostic connection
 *2 Only models with basic equipment
 *3 From September 2011

ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

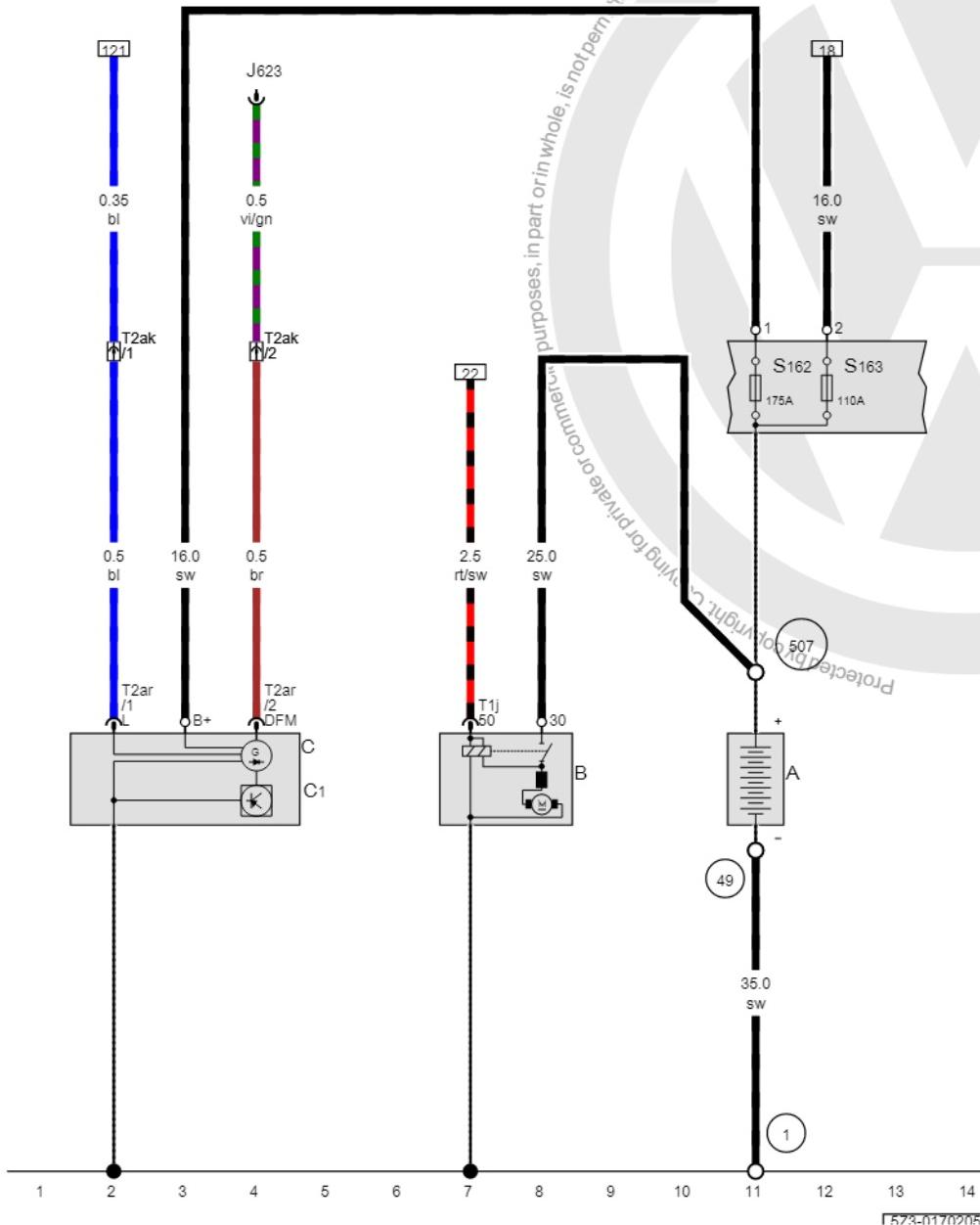
System for lowering passenger side mirror

From August 2009



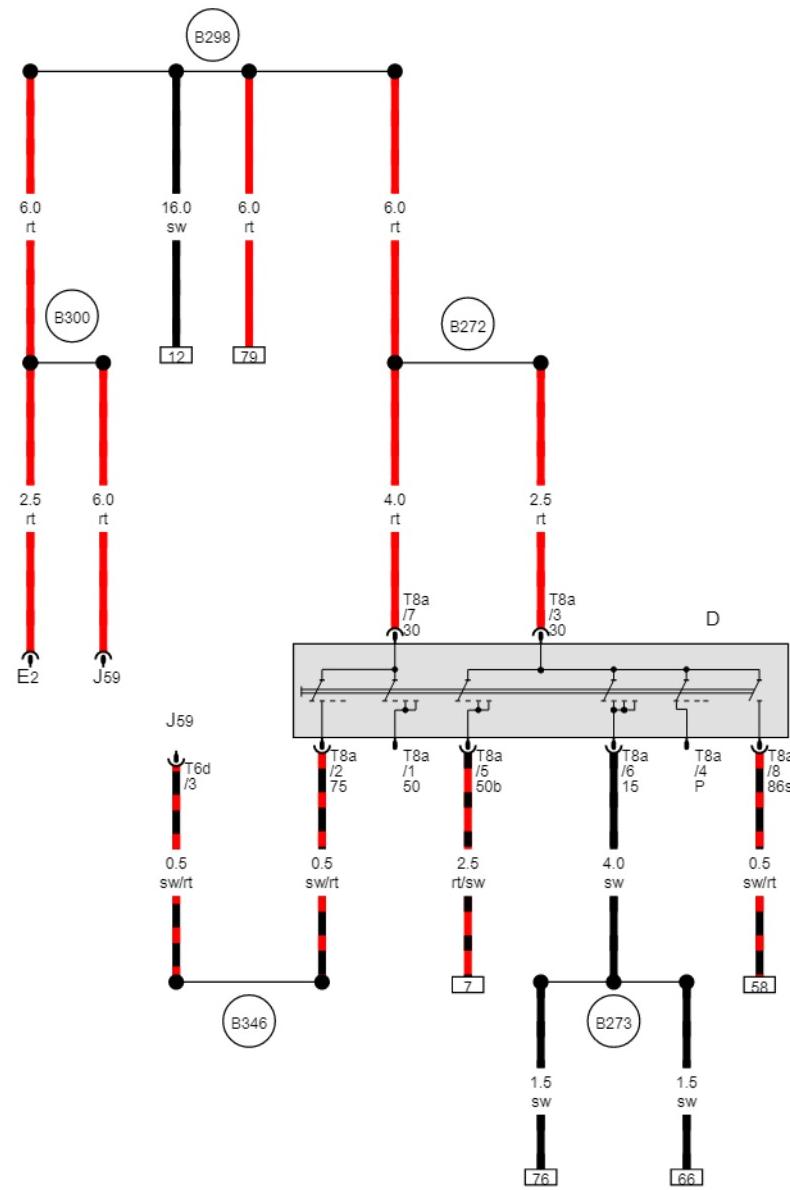
Current Flow Diagram

Battery, Starter, Alternator, Voltage regulator



ws	= white
sw	= black
ro	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
ge	= yellow
or	= orange
rs	= pink

1523-0170005121

**Ignition/starter switch**

D Ignition/starter switch
 E2 Turn signal switch
 J59 X-contact relief relay
 T6d 6-pin connector
 T8a 8-pin connector

B272 Positive connection (30), in main wiring harness

B273 Positive connection (15), in main wiring harness

B298 Positive connection 2 (30), in main wiring harness

B300 Positive connection 4 (30), in main wiring harness

B346 Connection 1 (75), in main wiring harness

ws	= white
sw	= black
ro	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
ge	= purple
or	= yellow
rs	= orange
	= pink

Protected by Copyright for private or commercial purposes, in part or in whole, is not permitted unless authorised by Volkswagen AG. This document does not guarantee or accept any liability with respect to the correctness of information in this document. Copying by Volkswagen AG.

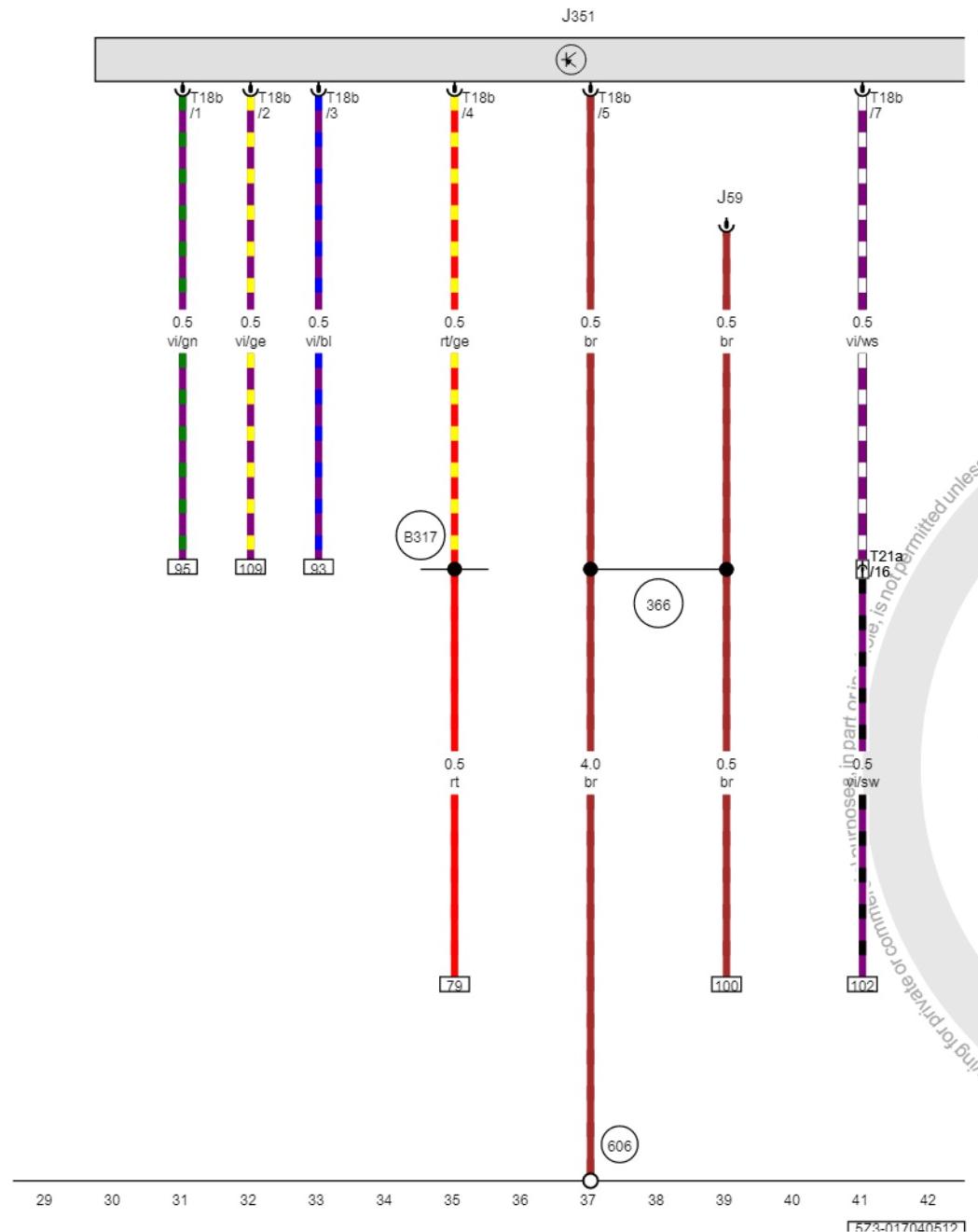
Folding exterior mirror control unit

J59 X-contact relief relay
 J351 Folding exterior mirror control unit
 T18b 18-pin connector
 T21a 21-pin connector

366 Earth connection 1, in main wiring harness

606 Earth point, under the centre console near gear stick

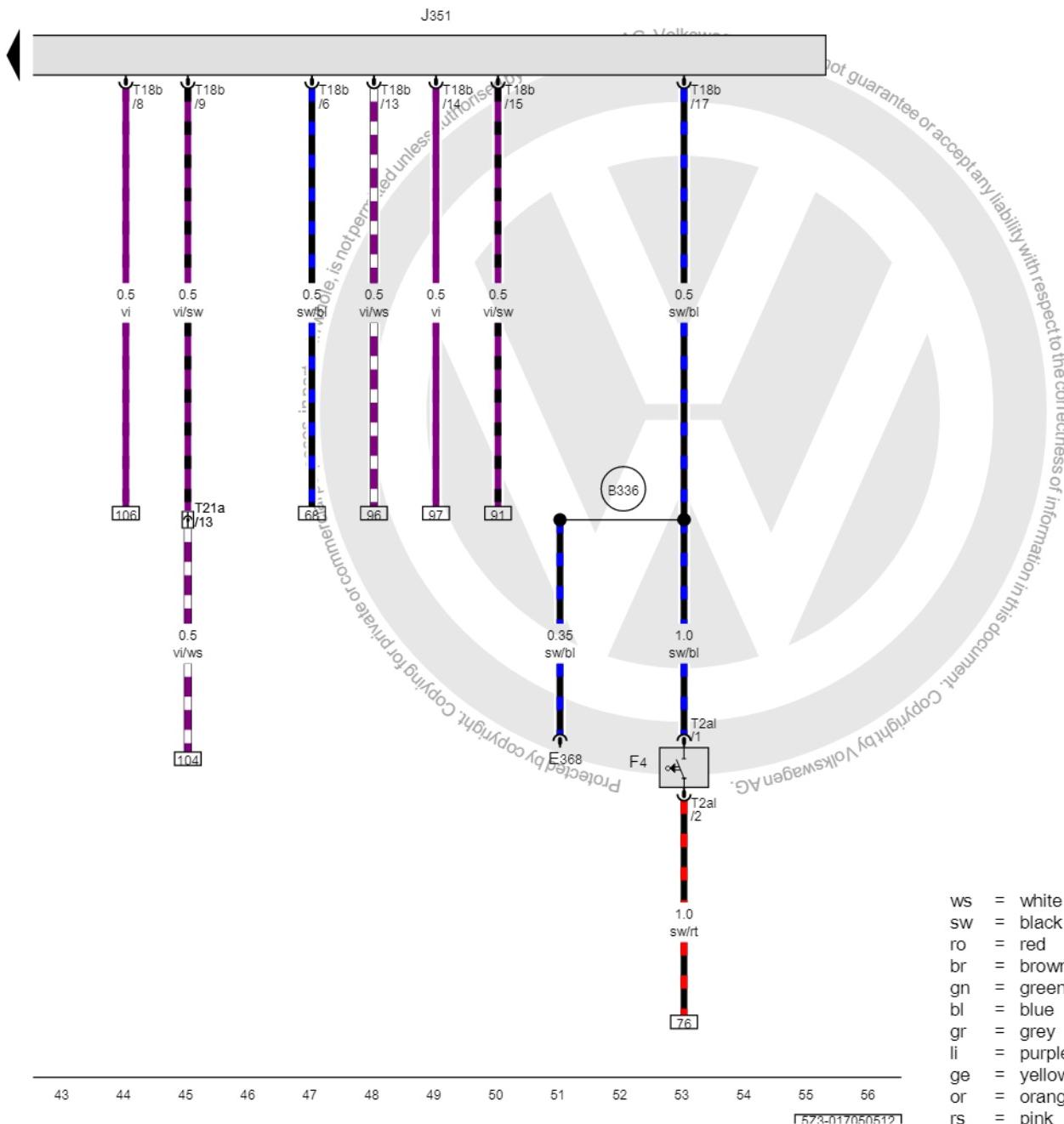
B317 Positive connection 3 (30a) in main wiring harness



Copyright for private use only
 Copying for private use only
 Copyright by Volkswagen AG.
 Volkswagen AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copying by Volkswagen AG is not permitted unless authorised by Volkswagen AG.

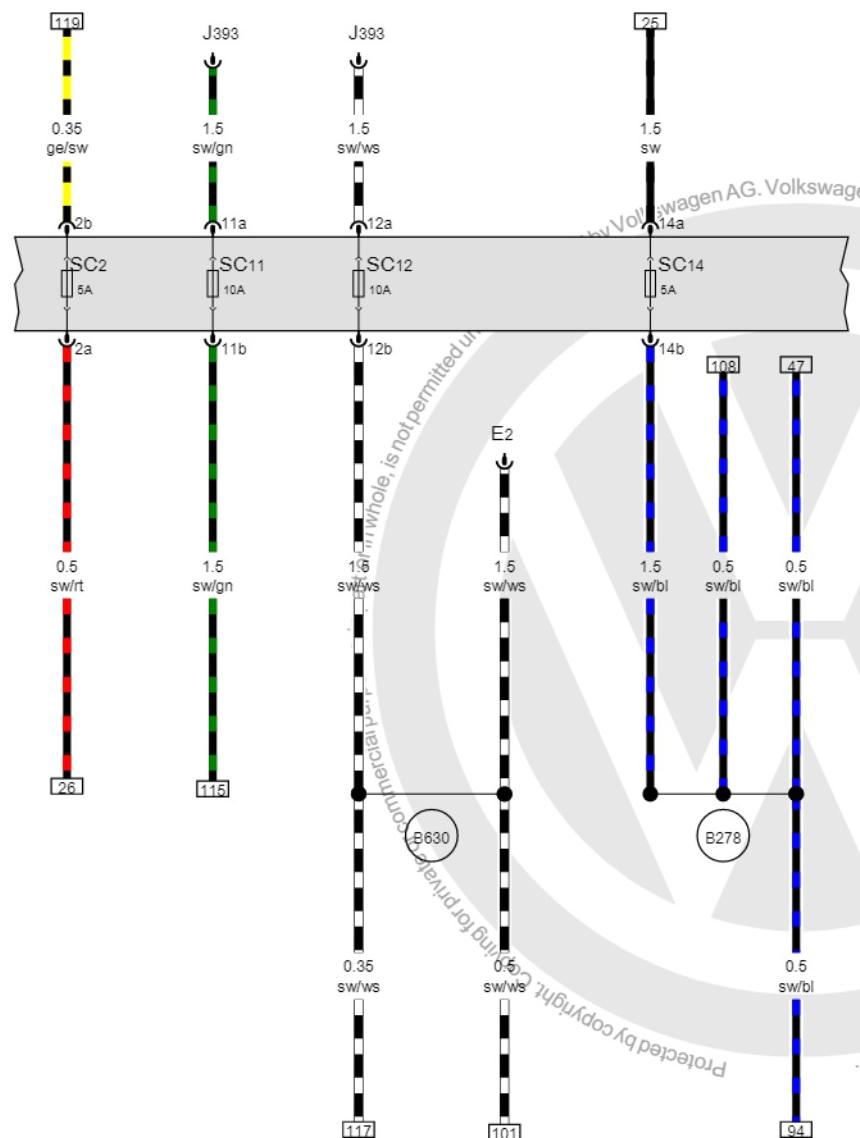
Reversing light switch, Folding exterior mirror control unit

- E368 Weapons box button
 F4 Reversing light switch
 J351 Folding exterior mirror control unit
 T2al 2-pin connector
 T18b 18-pin connector
 T21a 21-pin connector
 B336 Connection 2 (54), in main wiring harness



F573-0170505121

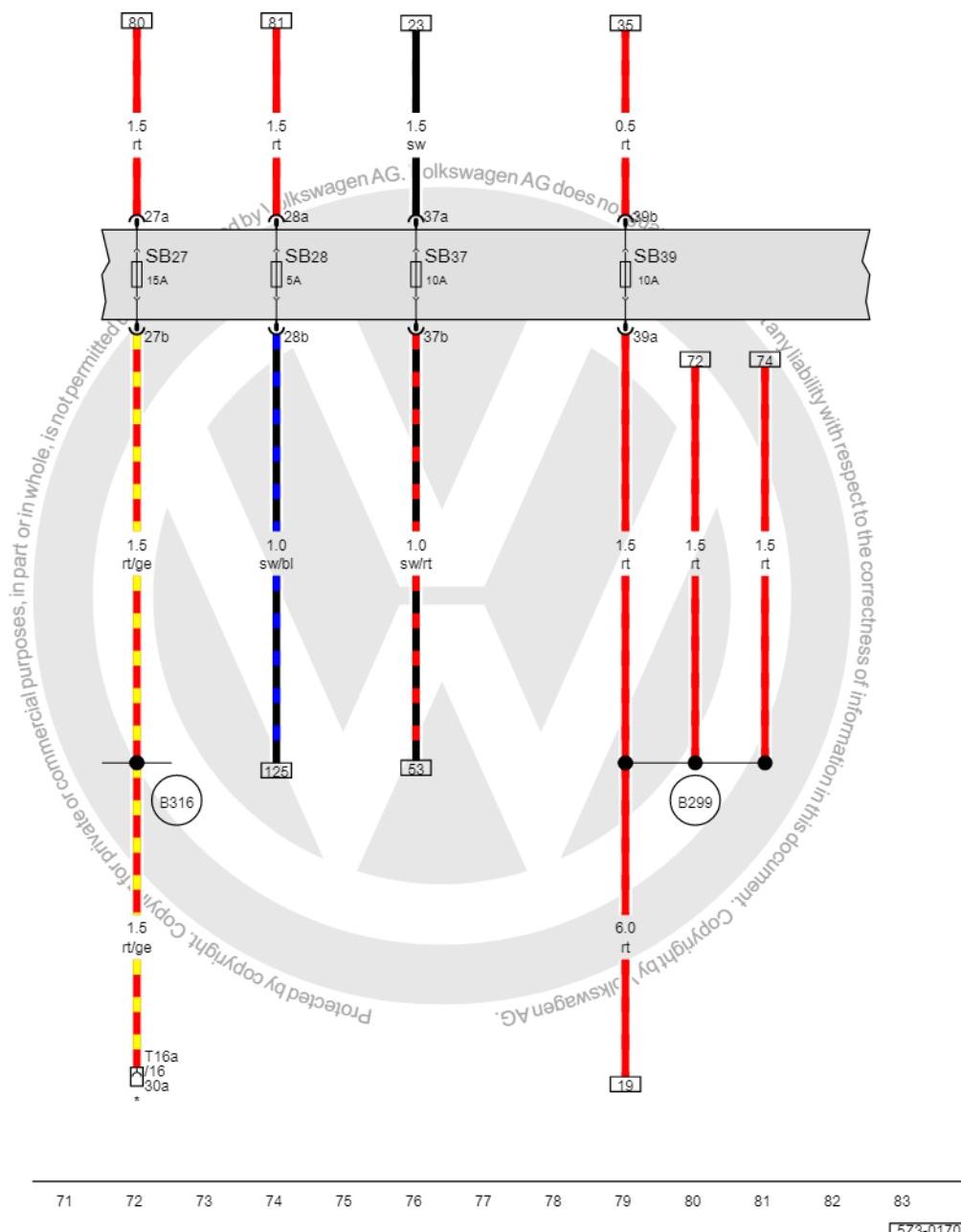
Fuse 2 on fuse holder C, Fuse 11 on fuse holder C, Fuse 12 on fuse holder C, Fuse 14 on fuse holder C



- E2 Turn signal switch
 J393 Convenience system central control unit
 SC2 Fuse 2 on fuse holder C
 SC11 Fuse 11 on fuse holder C
 SC12 Fuse 12 on fuse holder C
 SC14 Fuse 14 on fuse holder C
- (B278) Positive connection 2 (15a) in main wiring harness
 (B630) Positive connection (left turn signal bulb), in main wiring harness

ws	= white
sw	= black
ro	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
ge	= yellow
or	= orange
rs	= pink

Fuse 27 on fuse holder B, Fuse 28 on fuse holder B, Fuse 37 on fuse holder B, Fuse 39 on fuse holder B



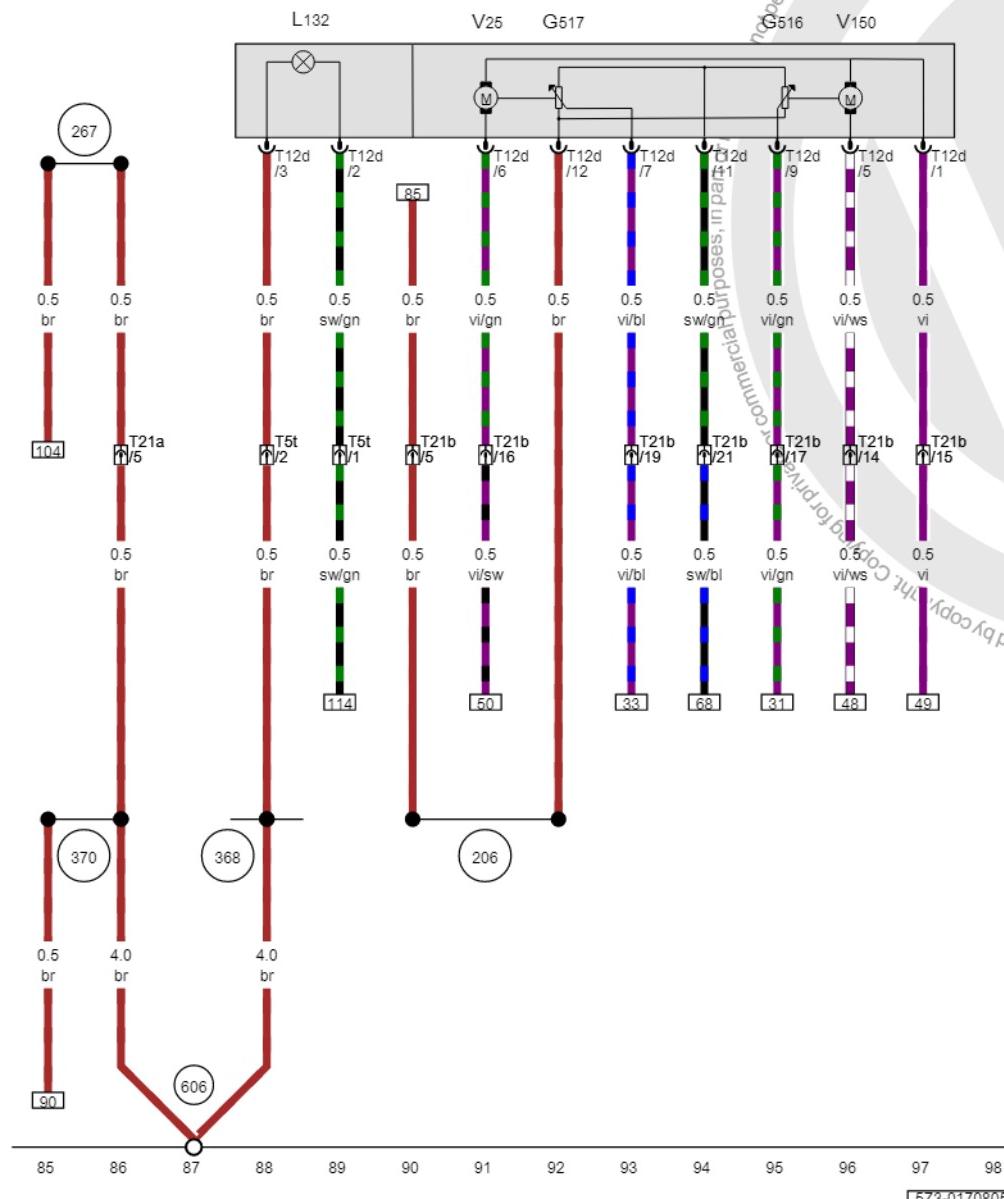
- SB27 Fuse 27 on fuse holder B
 SB28 Fuse 28 on fuse holder B
 SB37 Fuse 37 on fuse holder B
 SB39 Fuse 39 on fuse holder B
 T16a 16-pin connector

 B299 Positive connection 3 (30), in main wiring harness

 B316 Positive connection 2 (30a) in main wiring harness

* Diagnostic connection

ws	= white
sw	= black
ro	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
ge	= yellow
or	= orange
rs	= pink



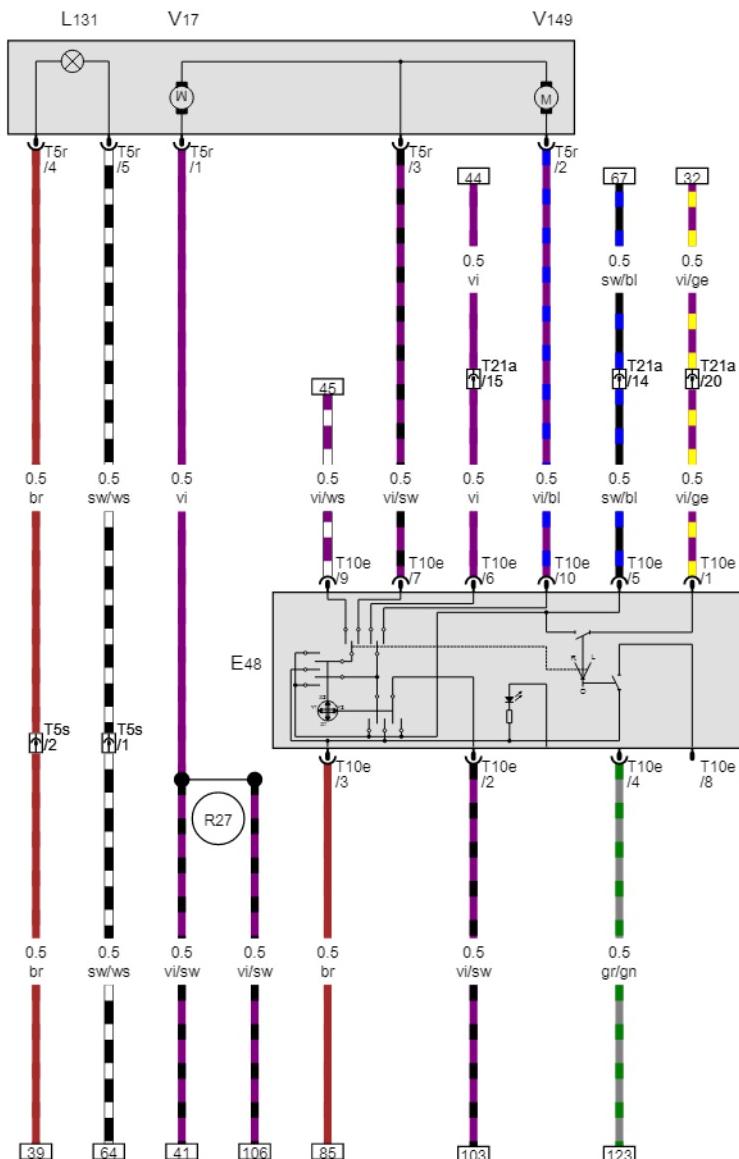
Potentiometer for horizontal adjustment of front passenger side mirror, Front passenger side turn signal repeater bulb, Front passenger side mirror adjustment motor, Front passenger side mirror adjustment motor

- G516 Potentiometer for horizontal adjustment of front passenger side mirror
- G517 Potentiometer for vertical adjustment of front passenger side mirror
- L132 Front passenger side turn signal repeater bulb
- T5t 5-pin connector
- T12d 12-pin connector
- T21a 21-pin connector
- T21b 21-pin connector
- V25 Front passenger side mirror adjustment motor
- V150 Front passenger side mirror adjustment motor
- 206 Earth connection, in front passenger door wiring harness
- 267 Earth connection 2, in drive side door wiring harness
- 368 Earth connection 3, in main wiring harness
- 370 Earth connection 5, in main wiring harness
- 606 Earth point, under the centre console near gear stick

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

1573-0170805121

Mirror adjustment changeover switch, Driver side turn signal repeater bulb, Driver side mirror adjustment motor



E48 Mirror adjustment changeover switch

L131 Driver side turn signal repeater bulb

T5r 5-pin connector

T5s 5-pin connector

T10e 10-pin connector

T21a 21-pin connector

V17 Driver side mirror adjustment motor

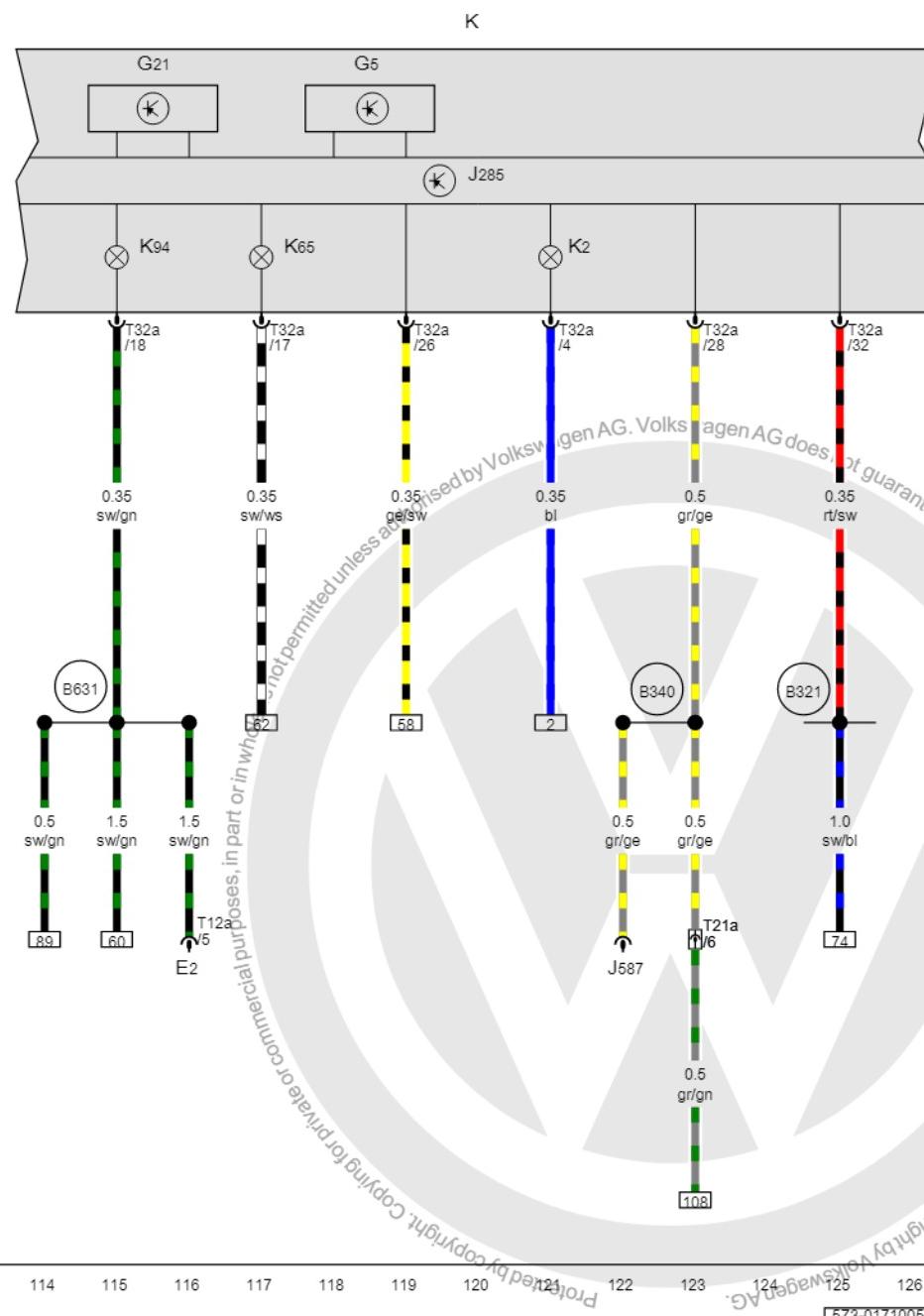
V149 Driver side mirror adjustment motor

(R27) Connection (mirror adjustment), in driver door wiring harness

ws	= white
sw	= black
ro	= red
br	= brown
gr	= green
bl	= blue
gr	= grey
li	= purple
ge	= yellow
or	= orange
rs	= pink

99 100 101 102 103 104 105 106 107 108 109 110 111 112

1573-017005121



Rev. counter, Speedometer, Control unit in dash panel
insert, Dash panel insert, Alternator warning lamp, Left turn
signal warning lamp, Right turn signal warning lamp

- E2 Turn signal switch
- G5 Rev. counter
- G21 Speedometer
- J285 Control unit in dash panel insert
- J587 Selector lever sensors control unit
- K Dash panel insert
- K2 Alternator warning lamp
- K65 Left turn signal warning lamp
- K94 Right turn signal warning lamp
- T12a 12-pin connector
- T21a 21-pin connector
- T32a 32-pin connector
- (B321) Positive connection 7 (30a) in main wiring harness
- (B340) Connection 1 (58d), in main wiring harness
- (B631) Positive connection (right turn signal bulb), in main wiring harness

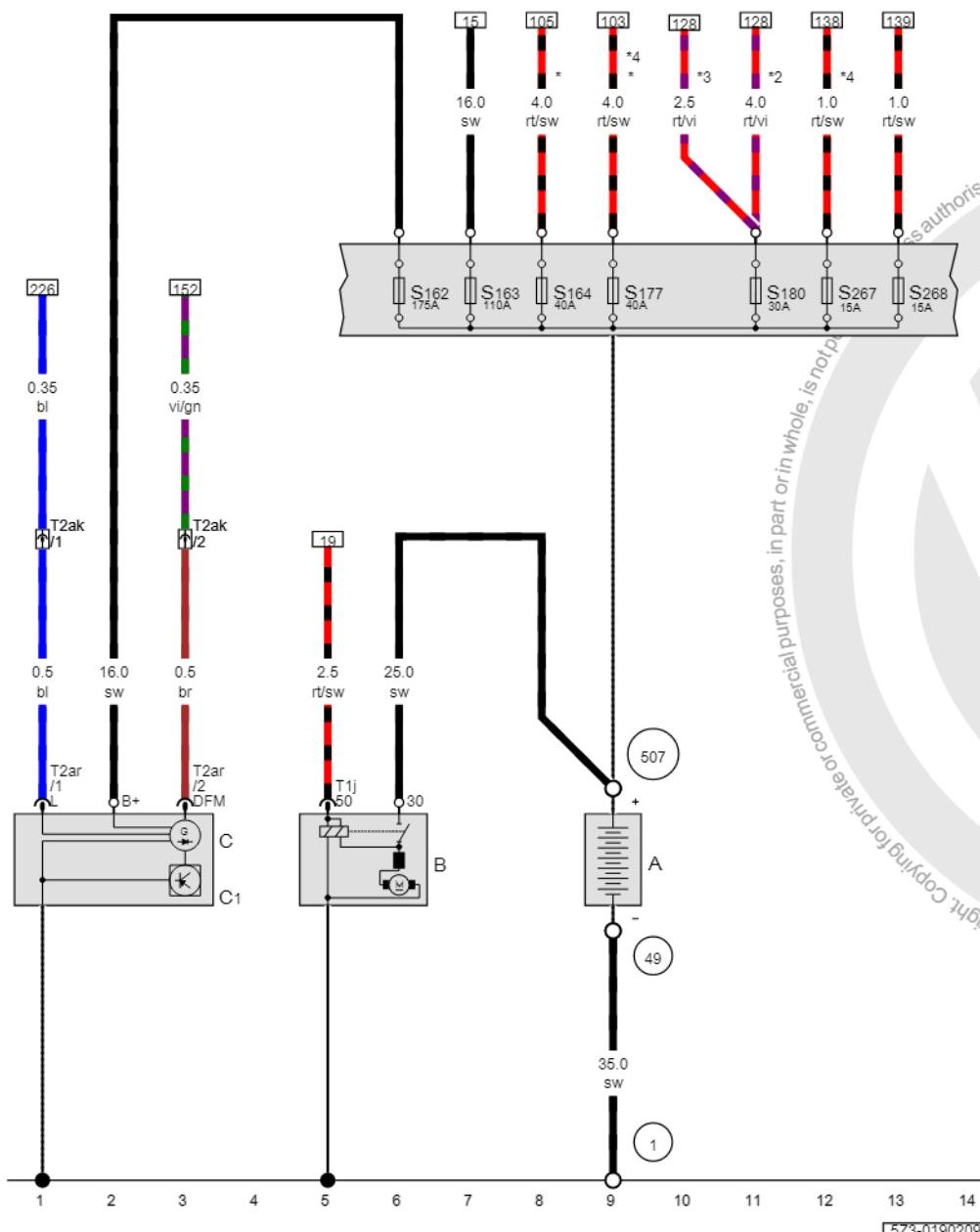
ws white
sw black
ro red
br = red
gn = brown
bl = green
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

1.6l engine , CFZA

From December 2009



Battery, Starter, Alternator, Voltage regulator



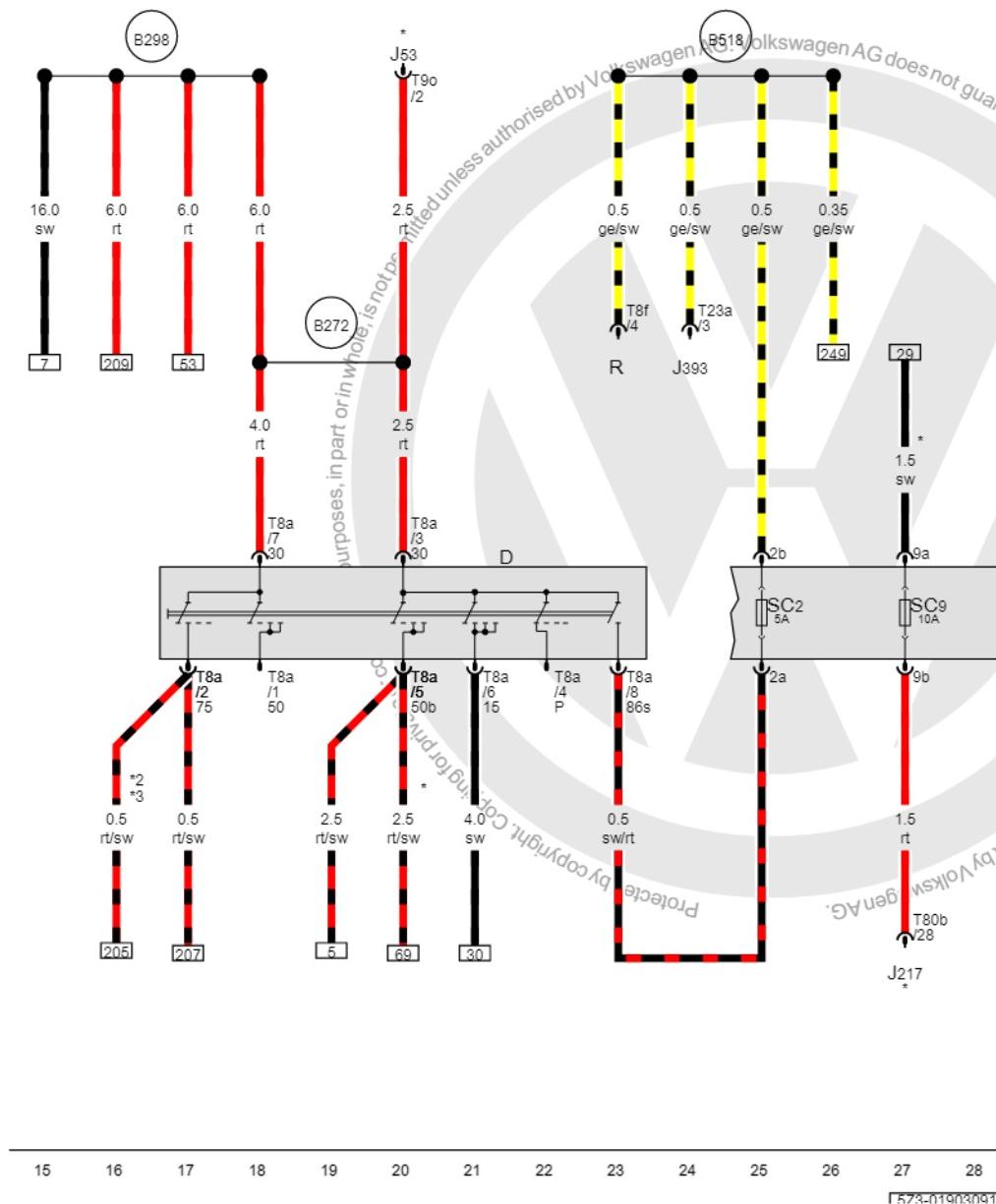
- A Battery
 B Starter
 C Alternator
 C1 Voltage regulator
 S162 Fuse 1 (30), in battery fuse holder
 S163 Fuse 2 (30), in battery fuse holder
 S164 Fuse 3 (30), in battery fuse holder
 S177 Fuse 5 (30), in battery fuse holder
 S180 Fuse 8 (30), in battery fuse holder
 S267 Fuse 9 (30), in battery fuse holder
 S268 Fuse 10 (30), in battery fuse holder
 T2ak 2-pin connector, in engine compartment
 T2ar 2-pin connector

- 1 Earth strap, battery - body
 49 Earth point, near ..., near battery
 507 Threaded connection (30), on battery fuse holder

* For models with air conditioning system
 *2 Up to October 2010
 *3 From October 2010
 *4 For models with automated manual gearbox

Copyright by Volkswagen AG.
 Copying or distribution of commercial purposes, in part or in whole, is not permitted.

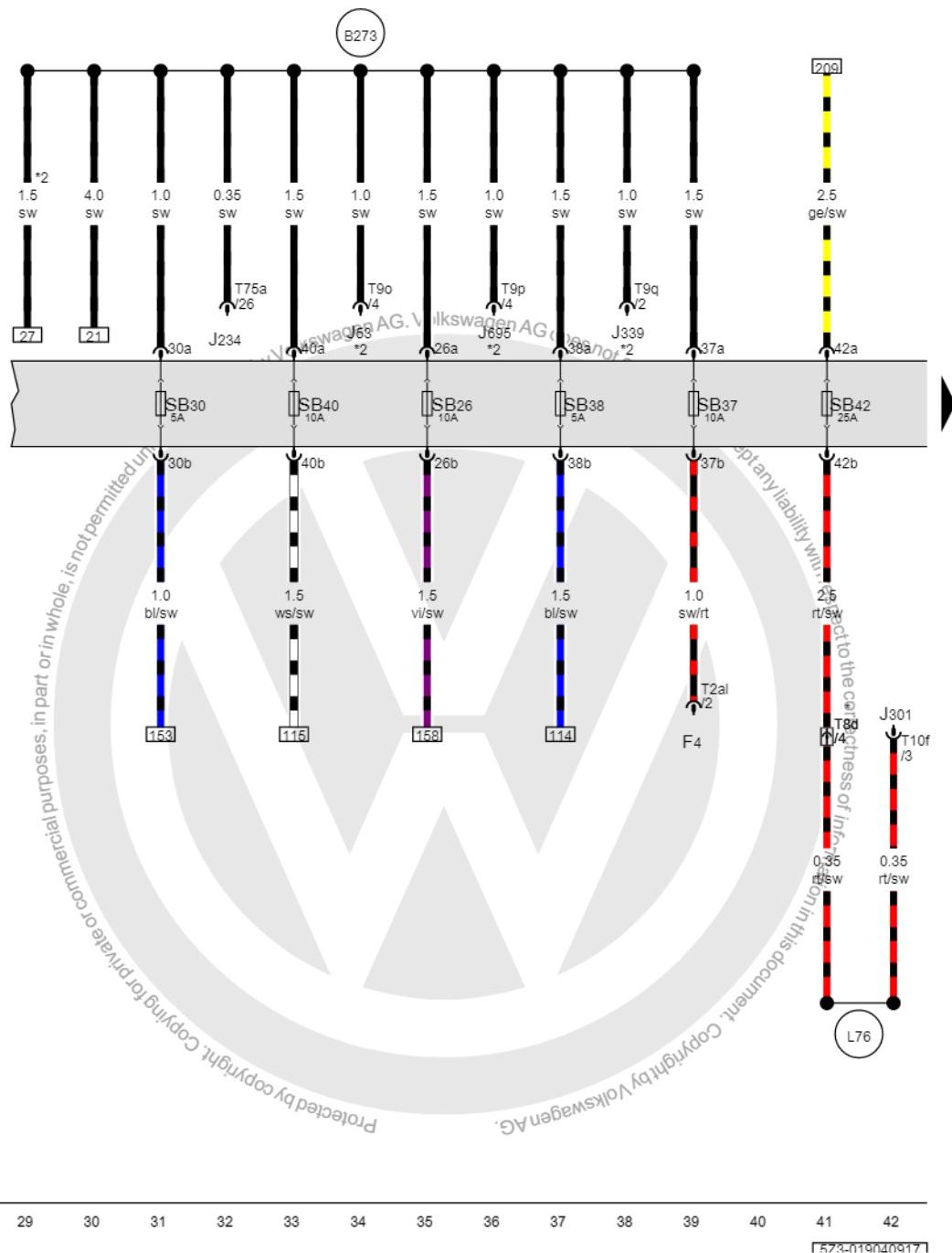
1573-0190000171



Ignition/starter switch

- D Ignition/starter switch
- J53 Starter motor relay
- J217 Automatic gearbox control unit
- J393 Convenience system central control unit
- R Radio
- SC2 Fuse 2 on fuse holder C
- SC9 Fuse 9 on fuse holder C
- T8a 8-pin connector
- T8f 8-pin connector
- T9o 9-pin connector
- T23a 23-pin connector
- T80b 80-pin connector
- B272 Positive connection (30), in main wiring harness
- B298 Positive connection 2 (30), in main wiring harness
- B518 Connection (86s), in main wiring harness
- * For models with automated manual gearbox
- *2 For models with rain and light sensor
- *3 Up to July 2010

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Fuse 26 on fuse holder B, Fuse 30 on fuse holder B, Fuse 37 on fuse holder B, Fuse 38 on fuse holder B, Fuse 40 on fuse holder B, Fuse 42 on fuse holder B

- F4 Reversing light switch
- J53 Starter motor relay
- J234 Airbag control unit
- J301 Air conditioning system control unit
- J339 X contact relief relay 2
- J695 Starter motor relay 2
- SB26 Fuse 26 on fuse holder B
- SB30 Fuse 30 on fuse holder B
- SB37 Fuse 37 on fuse holder B
- SB38 Fuse 38 on fuse holder B
- SB40 Fuse 40 on fuse holder B
- SB42 Fuse 42 on fuse holder B
- T2al 2-pin connector
- T8d 8-pin connector, behind dash panel, centre
- T9o 9-pin connector
- T9p 9-pin connector
- T9q 9-pin connector
- T10f 10-pin connector
- T75a 75-pin connector

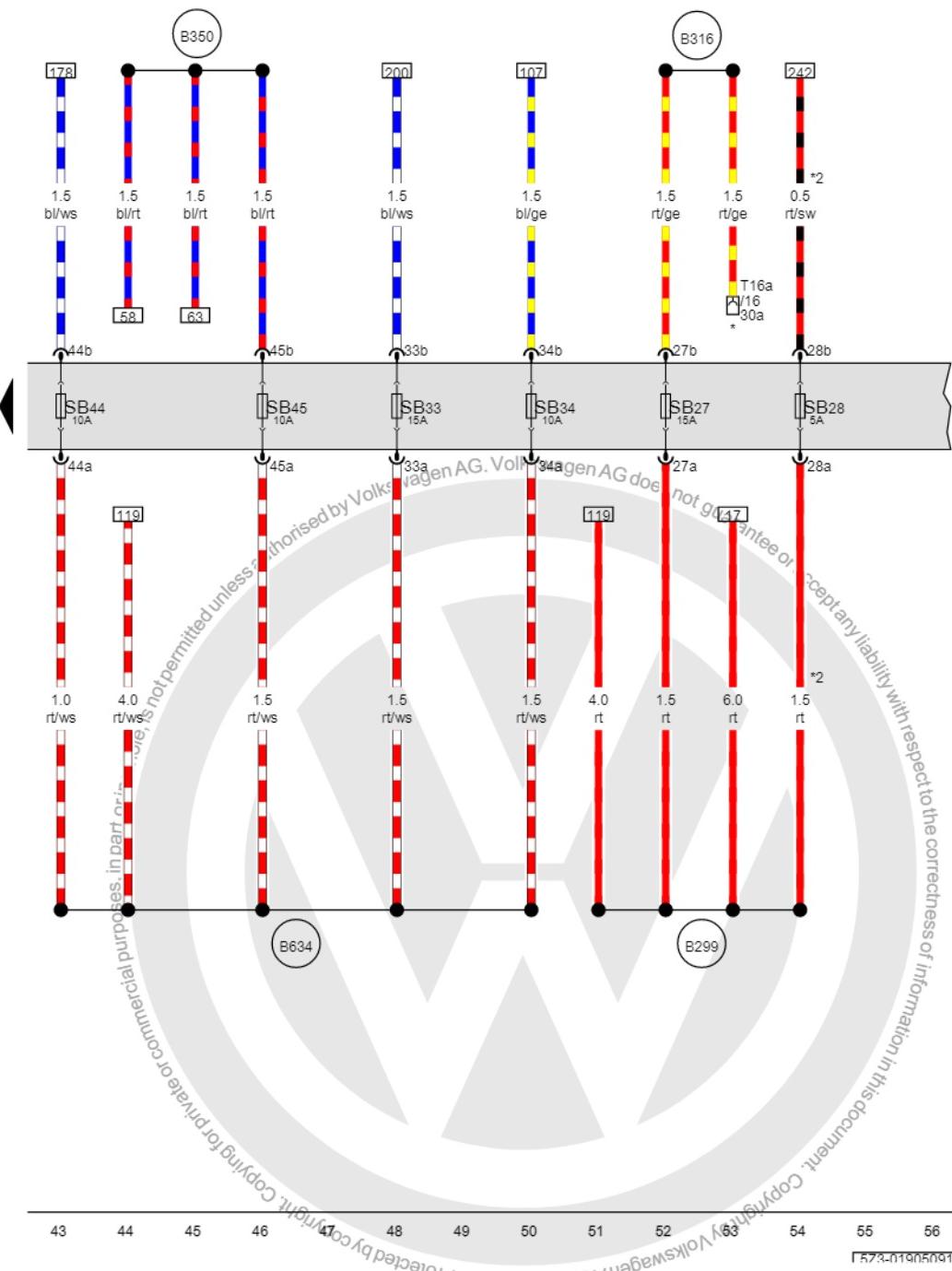
B273 Positive connection (15), in main wiring harness

L76 Connection (87), in air conditioning system wiring harness

* For models with air conditioning system

*2 For models with automated manual gearbox

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink



Fuse 27 on fuse holder B, Fuse 28 on fuse holder B, Fuse 33 on fuse holder B, Fuse 34 on fuse holder B, Fuse 44 on fuse holder B, Fuse 45 on fuse holder B

SB27 Fuse 27 on fuse holder B

SB28 Fuse 28 on fuse holder B

SB33 Fuse 33 on fuse holder B

SB34 Fuse 34 on fuse holder B

SB44 Fuse 44 on fuse holder B

SB45 Fuse 45 on fuse holder B

T16a 16-pin connector

B299 Positive connection 3 (30), in main wiring harness

B316 Positive connection 2 (30a) in main wiring harness

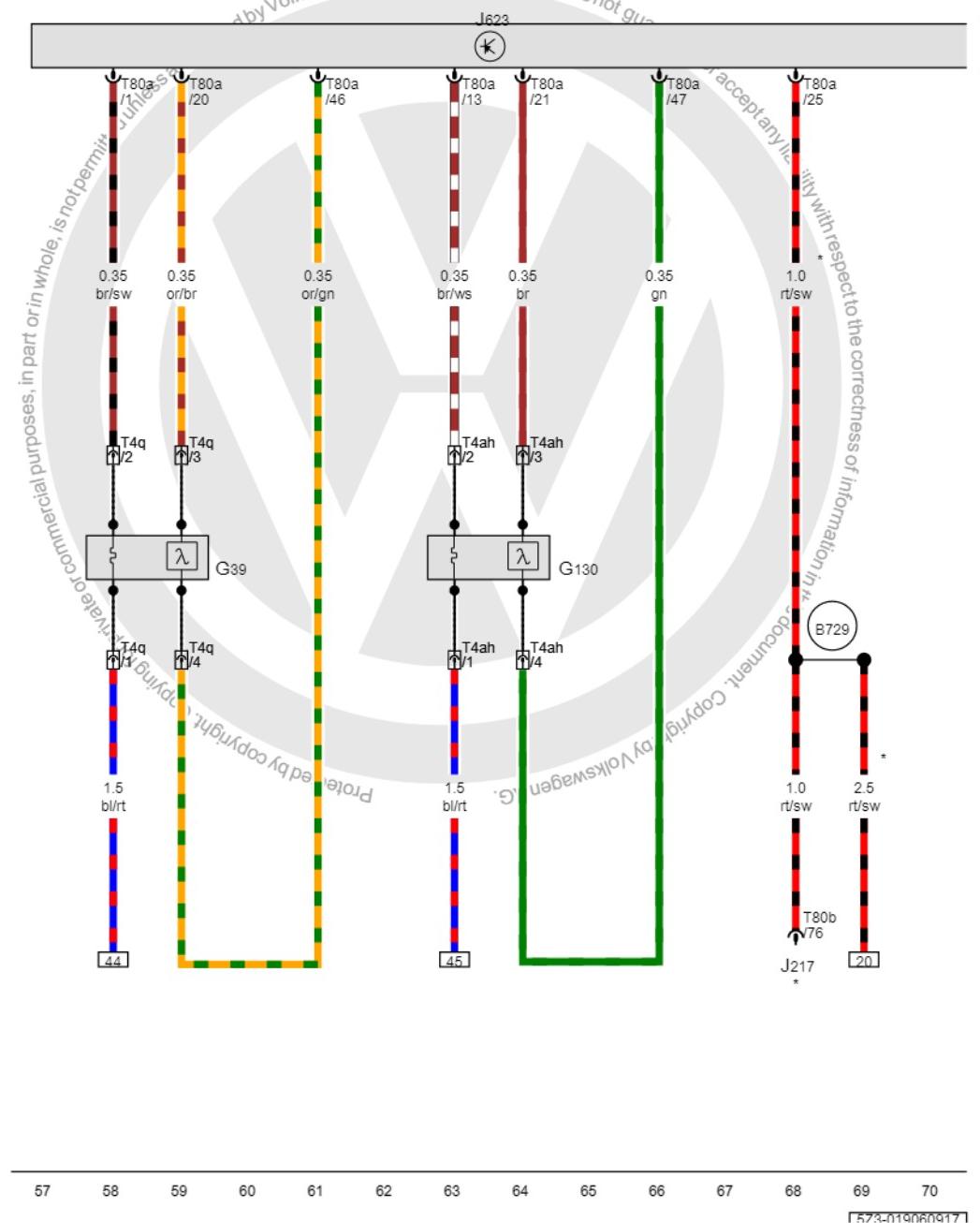
B350 Positive connection 1 (87a) in main wiring harness

B634 Positive connection 2 (87), in main wiring harness

* Diagnostic connection

*2 For models with air conditioning system

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink



Lambda probe, Lambda probe after catalytic converter,
Engine/motor control unit

G39 Lambda probe

G130 Lambda probe after catalytic converter

J217 Automatic gearbox control unit

J623 Engine/motor control unit

T4ah 4-pin connector

T4q 4-pin connector

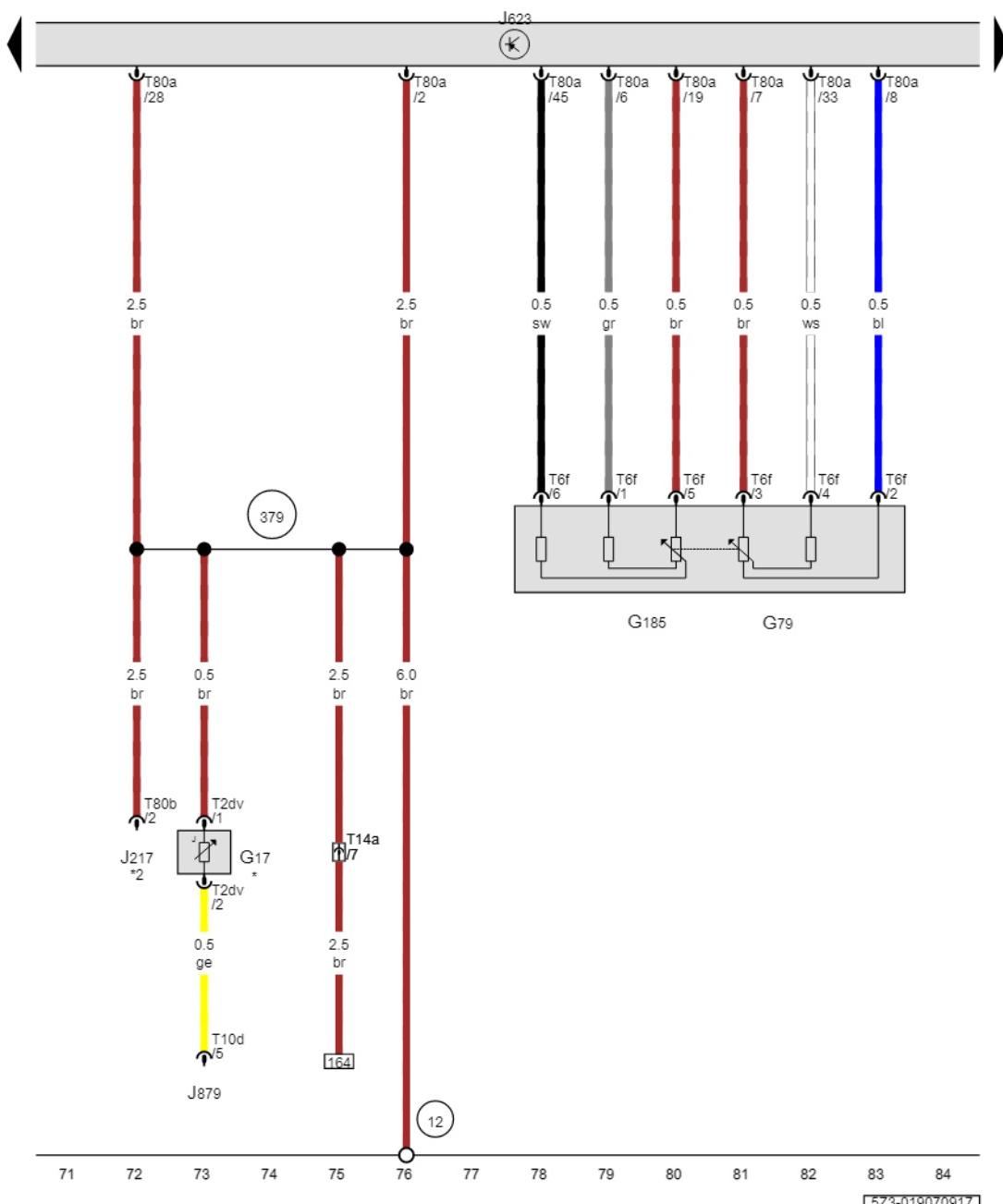
T80a 80-pin connector

T80b 80-pin connector

B729 Connection 1 (50), in main wiring harness

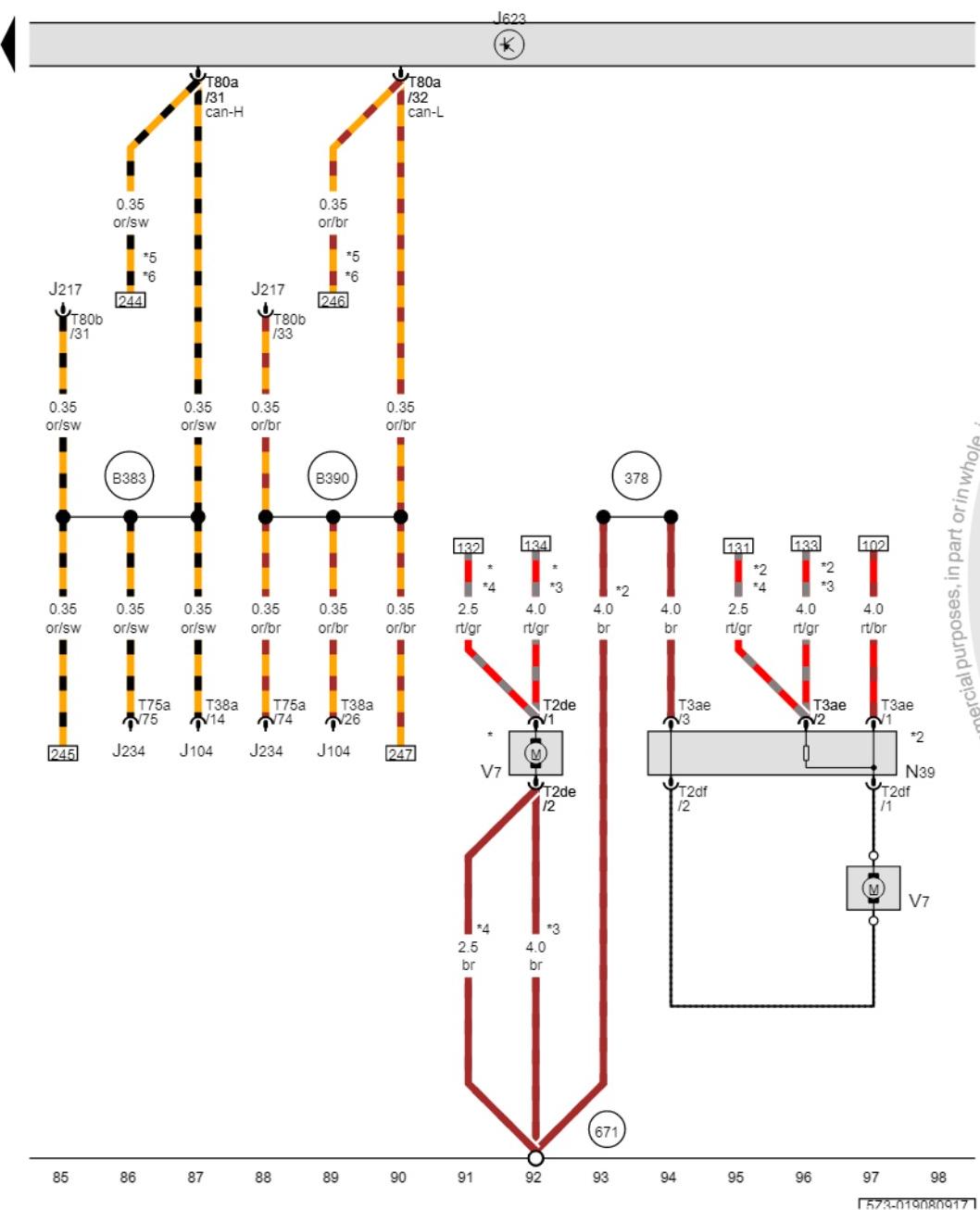
* For models with automated manual gearbox

Ambient temperature sensor, Accelerator position sender,
Accelerator position sender 2, Engine/motor control unit



- G17 Ambient temperature sensor
 G79 Accelerator position sender
 G185 Accelerator position sender 2
 J217 Automatic gearbox control unit
 J623 Engine/motor control unit
 J879 Control unit for interactive system
 T2dv 2-pin connector
 T6f 6-pin connector
 T10d 10-pin connector
 T14a 14-pin connector, on left in engine compartment
 T80a 80-pin connector
 T80b 80-pin connector
- (12) Earth point, on left in engine compartment
 (379) Earth connection 14, in main wiring harness
- * For models with interactive system
 *2 For models with automated manual gearbox

Protected by copyright. Copying for private commercial purposes, in part or in whole, is not permitted unless authorized by Volkswagen AG.

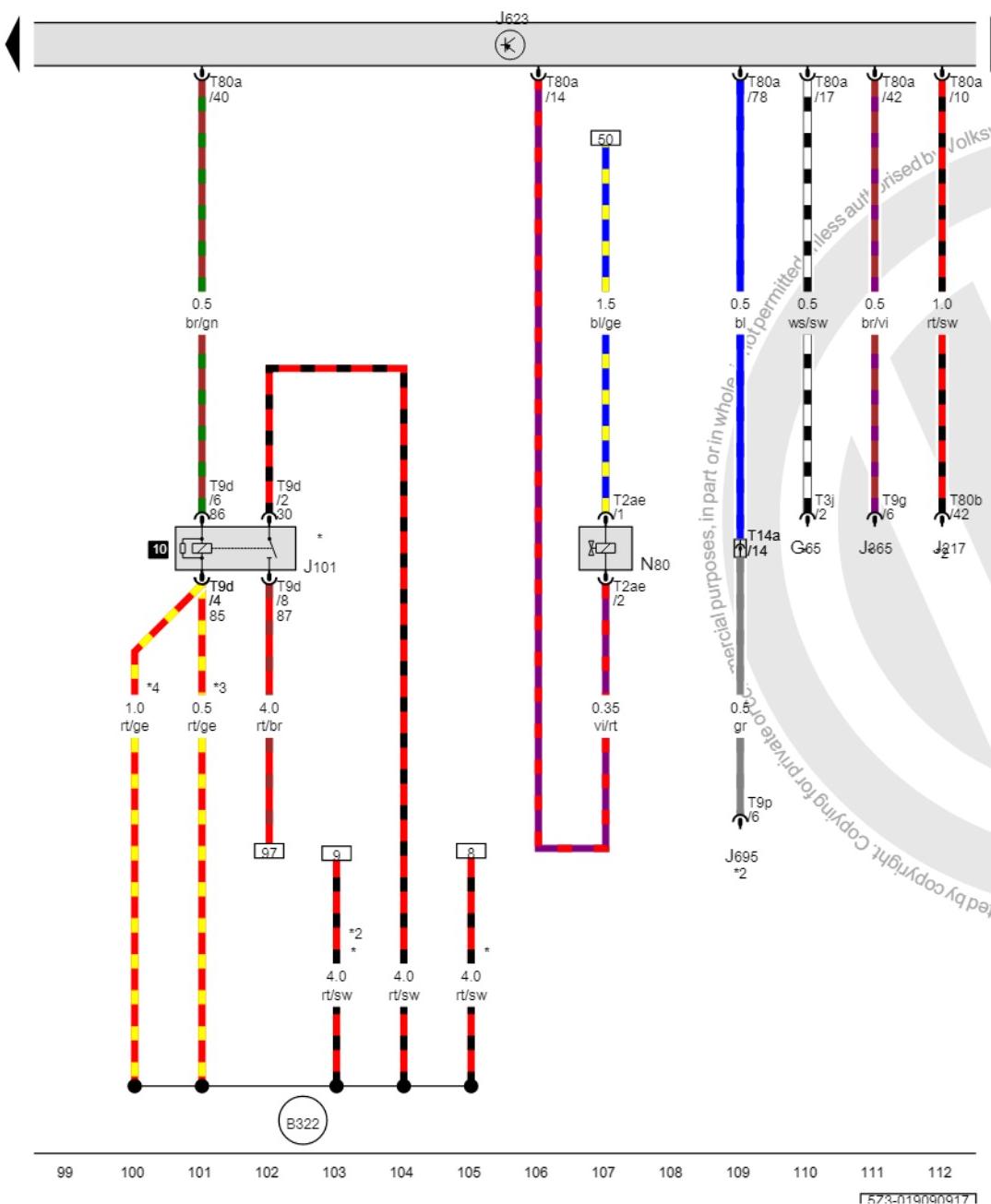


Engine/motor control unit, Radiator fan series resistor, Radiator fan

- | | |
|---------|---|
| J104 | ABS control unit |
| J217 | Automatic gearbox control unit |
| J234 | Airbag control unit |
| J623 | Engine/motor control unit |
| N39 | Radiator fan series resistor |
| T2de | 2-pin connector |
| T2df | 2-pin connector |
| T3ae | 3-pin connector |
| T38a | 38-pin connector |
| T75a | 75-pin connector |
| T80a | 80-pin connector |
| T80b | 80-pin connector |
| V7 | Radiator fan |
| 378 | Earth connection 13, in main wiring harness |
| 671 | Earth point 1, on front of left longitudinal member |
| B383 | Connection 1 (powertrain CAN bus, high), in main wiring harness |
| B390 | Connection 1 (powertrain CAN bus, low), in main wiring harness |
| *
*2 | For models with no air conditioning system
For models with air conditioning system |
| *3 | Up to October 2010 |
| *4 | From October 2010 |
| *5 | From September 2011 |
| *6 | For models with basic equipment |

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

Radiator fan 2nd speed relay, Engine/motor control unit,
Activated charcoal filter solenoid valve 1



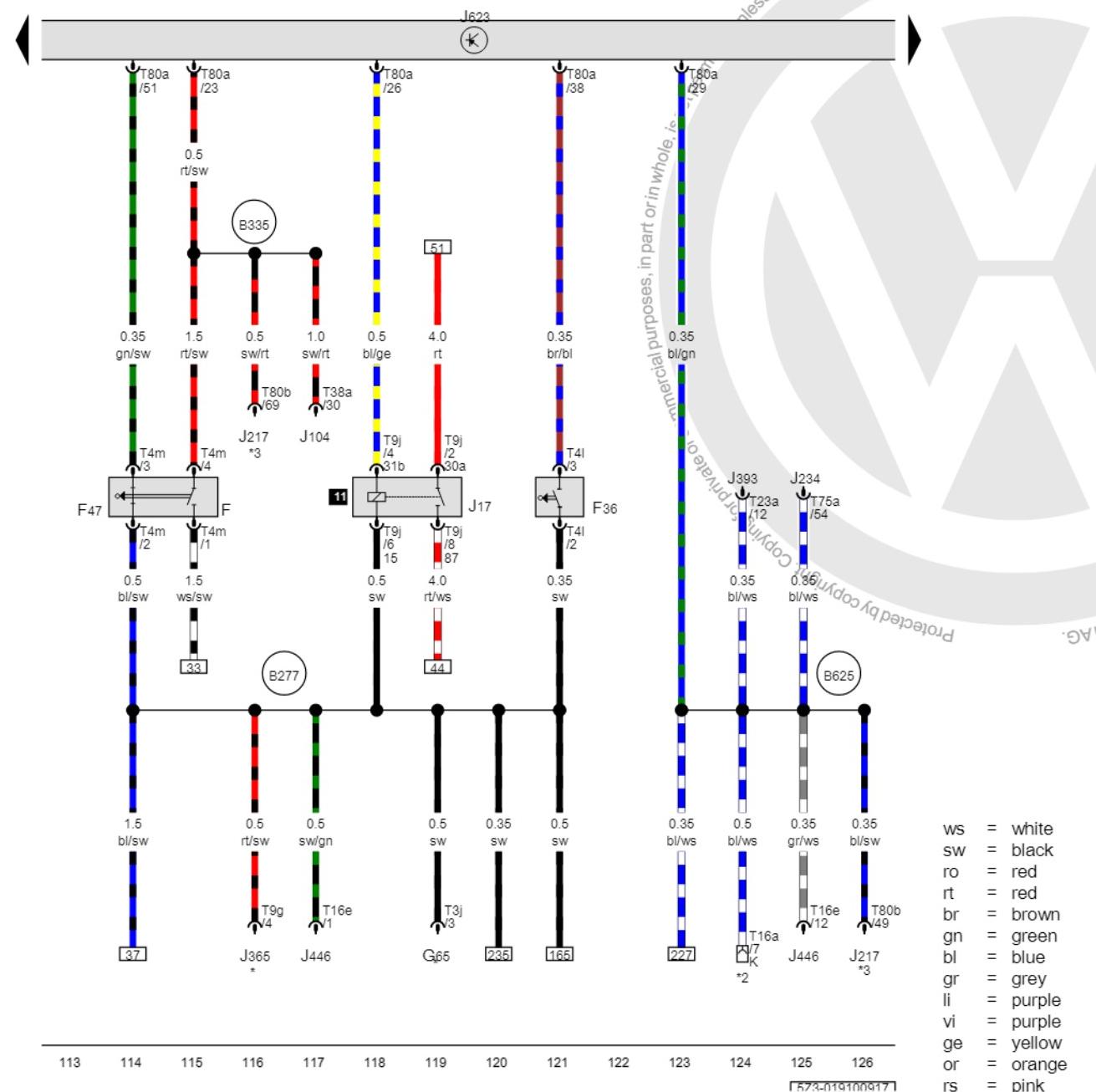
- G65 High-pressure sender
 J101 Radiator fan 2nd speed relay
 J217 Automatic gearbox control unit
 J365 Air conditioning system switch-off relay
 J623 Engine/motor control unit
 J695 Starter motor relay 2
 N80 Activated charcoal filter solenoid valve 1
 T2ae 2-pin connector
 T3j 3-pin connector
 T9d 9-pin connector
 T9g 9-pin connector
 T9p 9-pin connector
 T14a 14-pin connector, on left in engine compartment
 T80a 80-pin connector
 T80b 80-pin connector

B322 Positive connection 8 (30a) in main wiring harness

- * For models with air conditioning system
 *2 For models with automated manual gearbox
 *3 Up to July 2010
 *4 From July 2010

Legend:
 ws = white
 bs = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Brake light switch, Clutch pedal switch, Brake pedal switch,
Fuel pump relay, Engine/motor control unit



F	Brake light switch
F36	Clutch pedal switch
F47	Brake pedal switch
G65	High-pressure sender
J17	Fuel pump relay
J104	ABS control unit
J217	Automatic gearbox control unit
J234	Airbag control unit
J365	Air conditioning system switch-off relay
J393	Convenience system central control unit
J446	Parking aid control unit
J623	Engine/motor control unit
T3j	3-pin connector
T4l	4-pin connector
T4m	4-pin connector
T9g	9-pin connector
T9j	9-pin connector
T16a	16-pin connector
T16e	16-pin connector
T23a	23-pin connector
T38a	38-pin connector
T75a	75-pin connector
T80a	80-pin connector
T80b	80-pin connector

B277 Positive connection 1 (15a) in main wiring harness

B335 Connection 1 (54), in main wiring harness

B625 Connection (K-diagnosis wire), in main wiring harness

* For models with air conditioning system

*2 Diagnostic connection

*3 For models with automated manual gearbox

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Fresh air blower and radiator fan relay, Engine/motor control unit

J209 Fresh air blower and radiator fan relay

J623 Engine/motor control unit

T9c 9-pin connector

T80a 80-pin connector

B315 Positive connection 1 (30a) in main wiring harness

B320 Positive connection 6 (30a) in main wiring harness

* From October 2010

*2 Up to July 2010

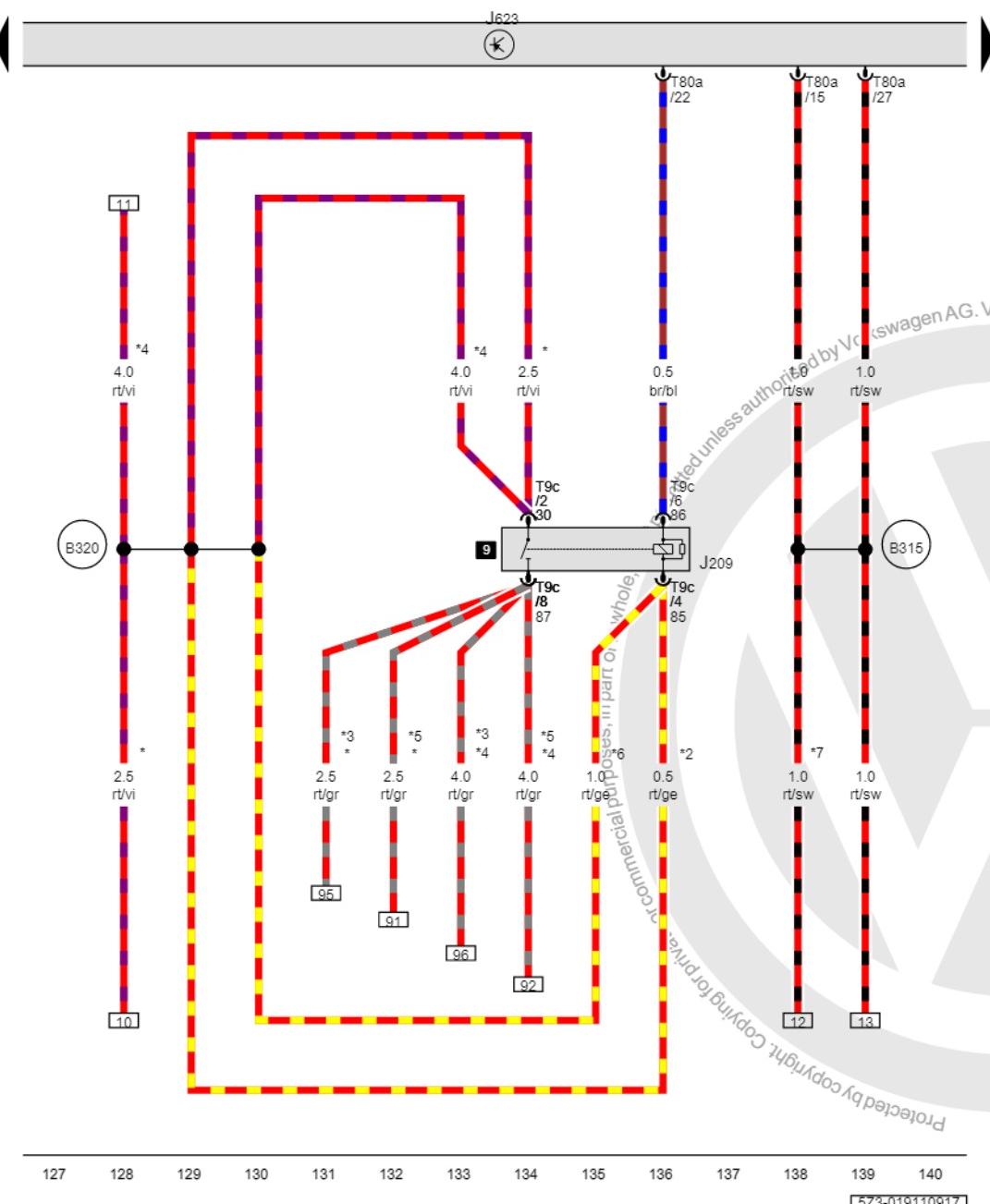
*3 For models with air conditioning system

*4 Up to October 2010

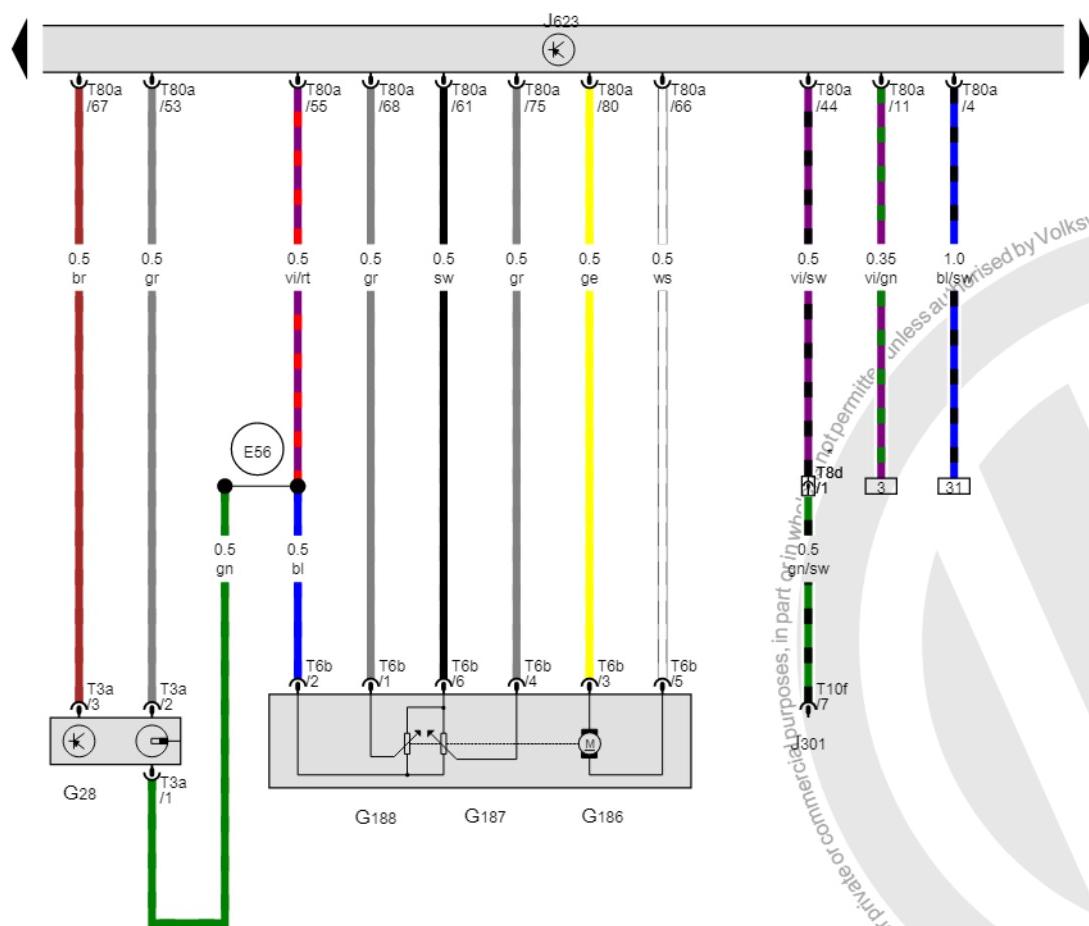
*5 For models with no air conditioning system

*6 From July 2010

*7 For models with automated manual gearbox



ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



Engine speed sender, Throttle valve drive for electric throttle, Throttle valve drive angle sender 1 for electric throttle, Throttle valve drive angle sender 2 for electric throttle, Engine/motor control unit

G28 Engine speed sender
G186 Throttle valve drive for electric throttle
G187 Throttle valve drive angle sender 1 for electric throttle
G188 Throttle valve drive angle sender 2 for electric throttle

J301 Air conditioning system control unit
J623 Engine/motor control unit

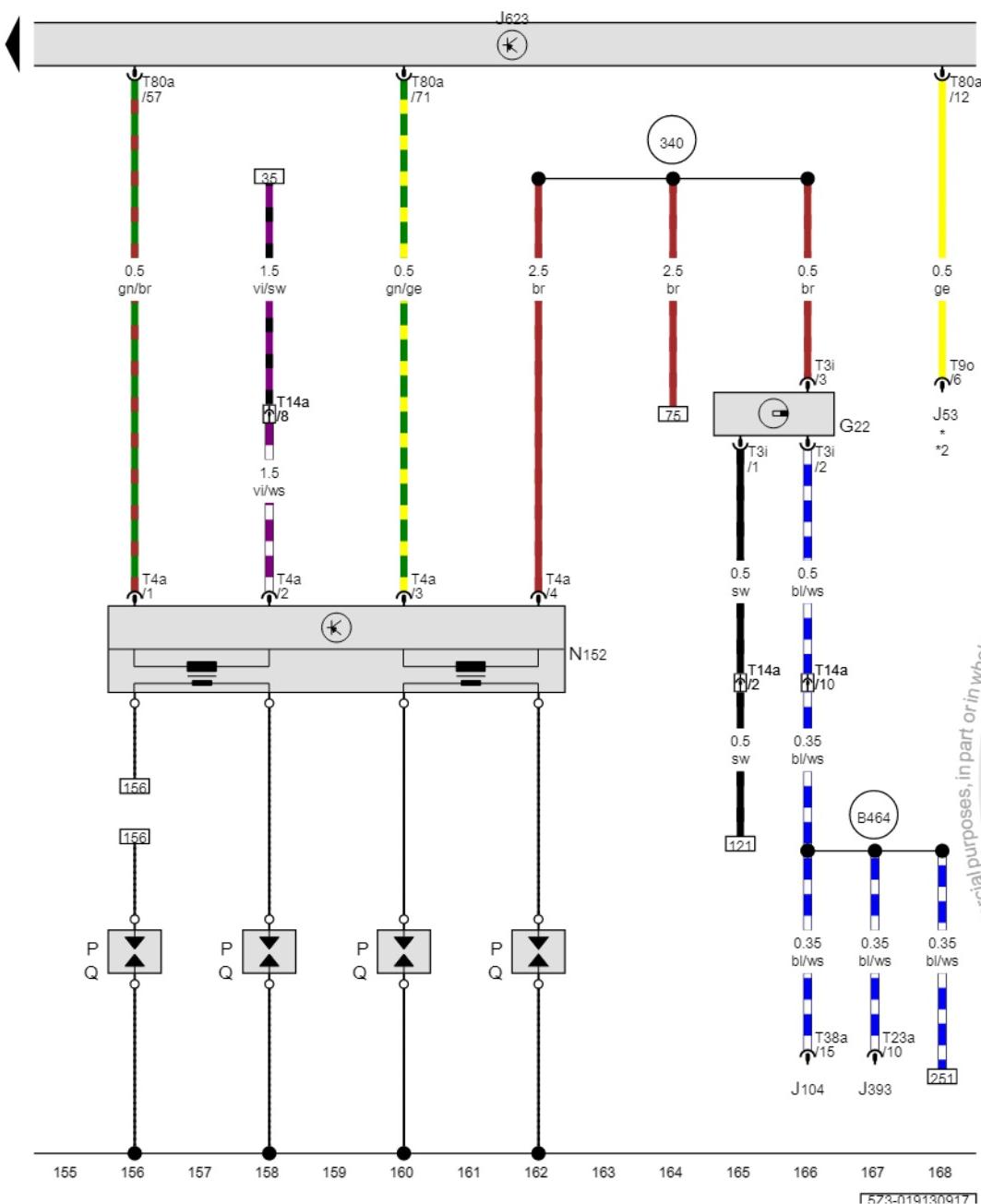
T3a 3-pin connector
T6b 6-pin connector
T8d 8-pin connector, behind dash panel, centre
T10f 10-pin connector
T80a 80-pin connector

E56 Connection 1, in injection system wiring harness

* For models with air conditioning system

ws	= white
sw	= black
ro	= red
ro	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

Speedometer sender, Engine/motor control unit, Ignition transformer, Spark plug connector, Spark plugs

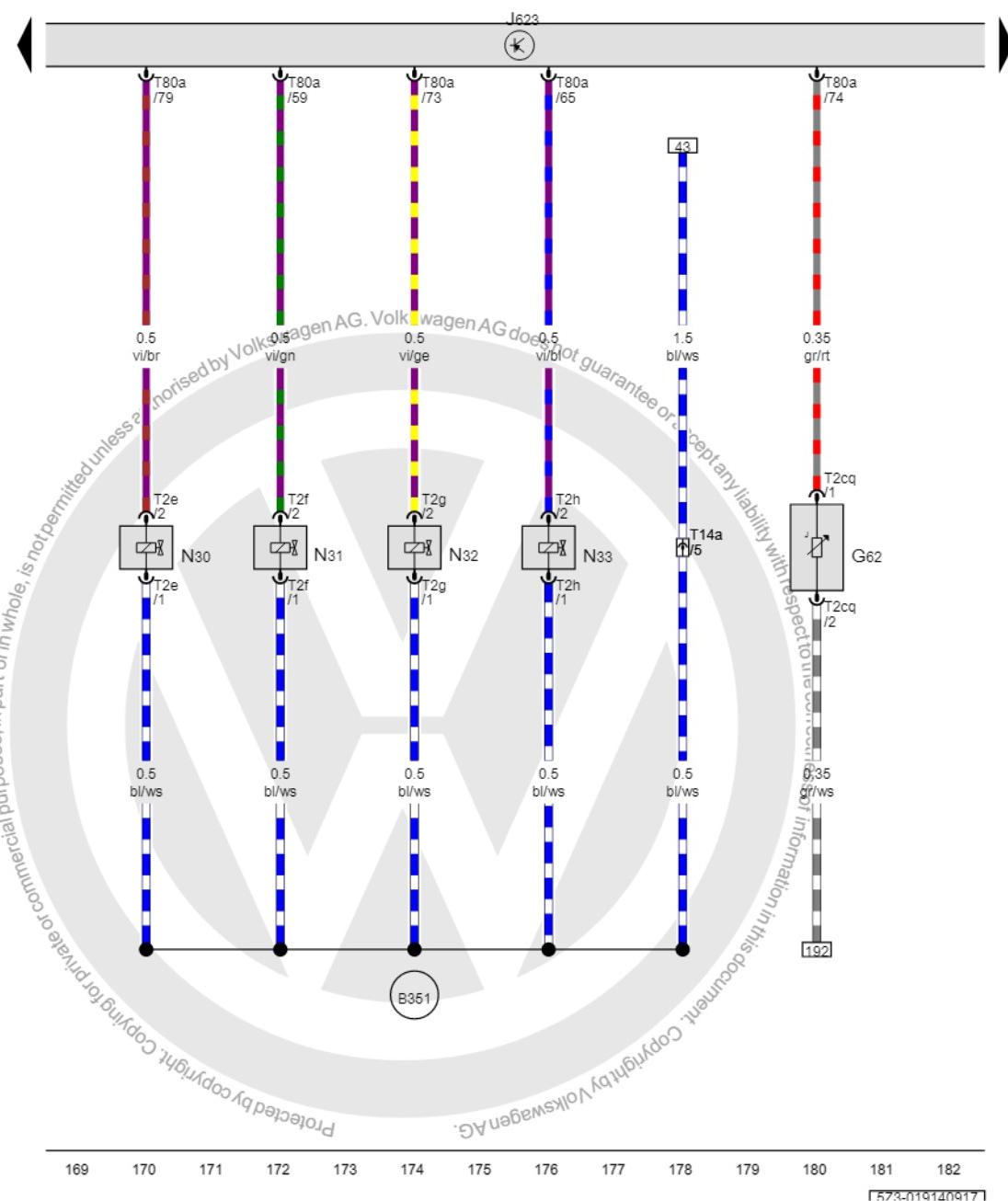


- G22 Speedometer sender
 J53 Starter motor relay
 J104 ABS control unit
 J393 Convenience system central control unit
 J623 Engine/motor control unit
 N152 Ignition transformer
 P Spark plug connector
 Q Spark plugs
 T3i 3-pin connector
 T4a 4-pin connector
 T90 9-pin connector
 T14a 14-pin connector, on left in engine compartment
 T23a 23-pin connector
 T38a 38-pin connector
 T80a 80-pin connector
 340 Earth connection 2, in injection system wiring harness
 B464 Connection (speed signal), in main wiring harness
 * Up to October 2011
 *2 For models with automated manual gearbox

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gr = green
 bl = blue
 gl = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Protected by Copyright by Volkswagen AG.
 Copying or commercial purposes, in part or in whole, is not permitted unless authorised by Volkswagen AG.

Coolant temperature sender, Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

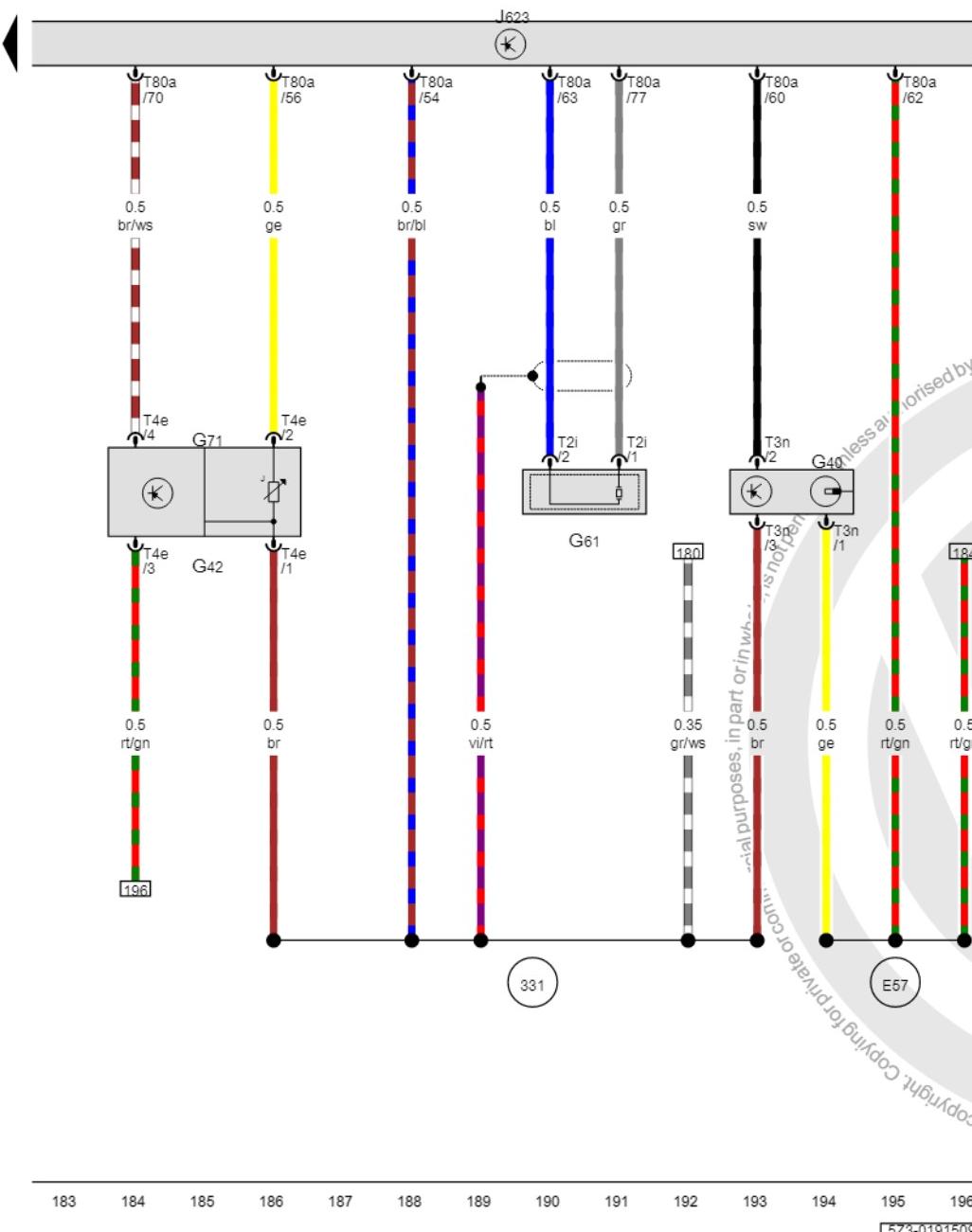


G62	Coolant temperature sender
J623	Engine/motor control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2cq	2-pin connector
T2e	2-pin connector
T2f	2-pin connector
T2g	2-pin connector
T2h	2-pin connector
T14a	14-pin connector, on left in engine compartment
T80a	80-pin connector

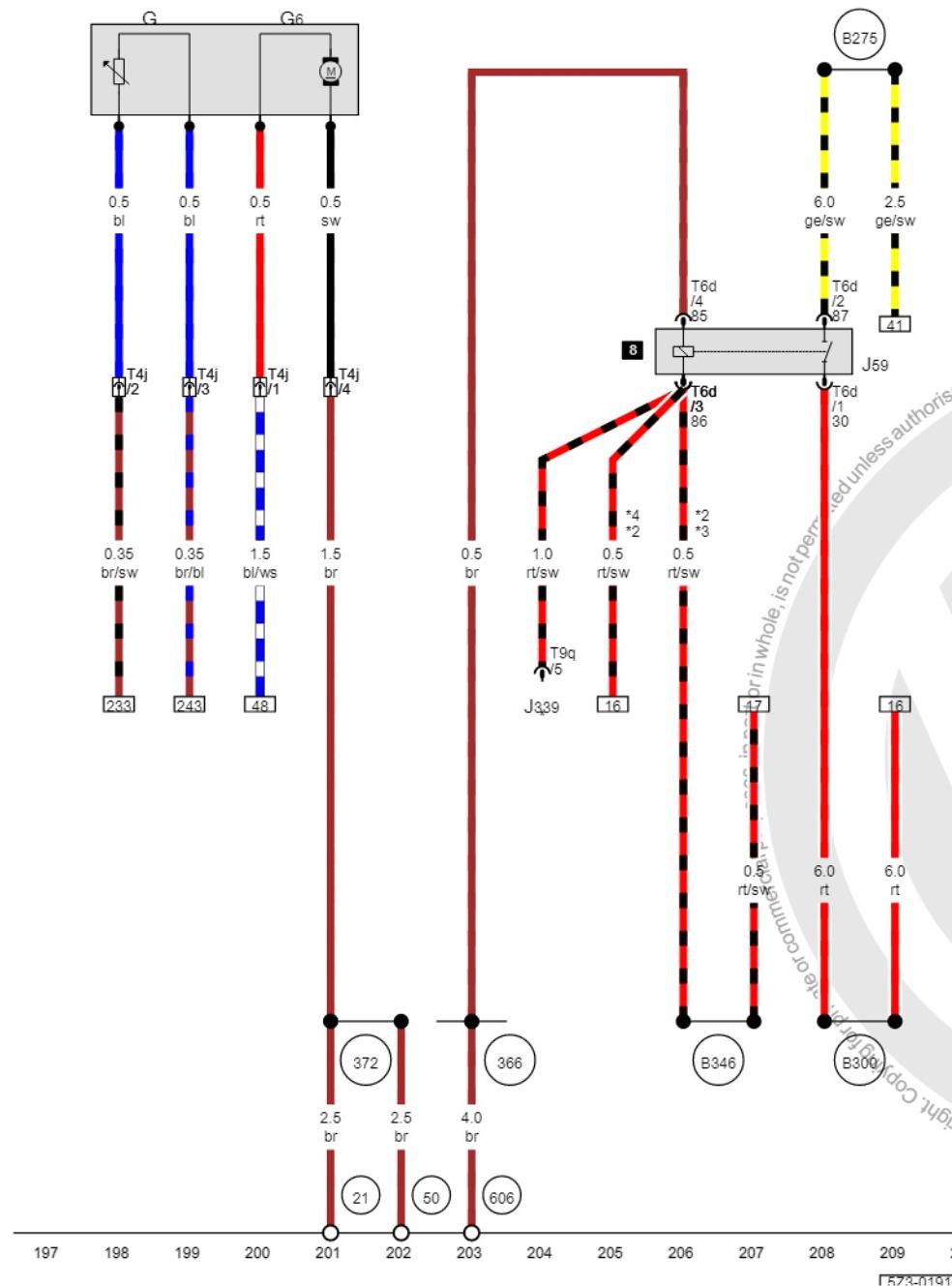
B351 Positive connection 2 (87a) in main wiring harness

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

Hall sender, Intake air temperature sender, Knock sensor 1, Intake manifold pressure sender, Engine/motor control unit



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Fuel gauge sender, Fuel system pressurisation pump, X-contact relief relay

G Fuel gauge sender

G6 Fuel system pressurisation pump

J59 X-contact relief relay

J339 X contact relief relay 2

T4j 4-pin connector

T6d 6-pin connector

T9q 9-pin connector

(21) Earth point, near fuel pump

(50) Earth point, on left in luggage compartment

(366) Earth connection 1, in main wiring harness

(372) Earth connection 7, in main wiring harness

(606) Earth point, under the centre console near gear stick

(B275) Positive connection (87), in main wiring harness

(B300) Positive connection 4 (30), in main wiring harness

(B346) Connection 1 (75), in main wiring harness

* For models with automated manual gearbox

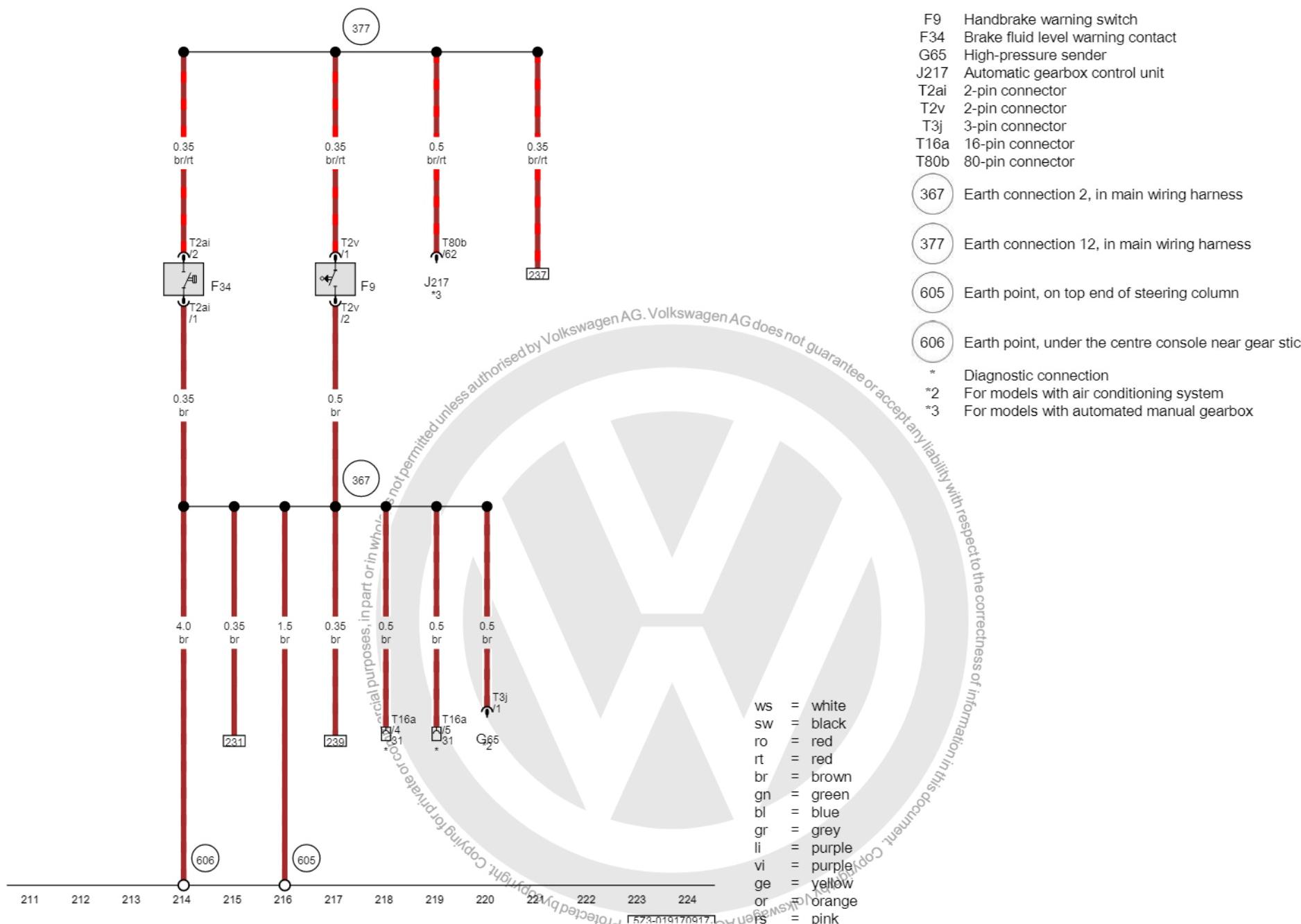
*2 Up to July 2010

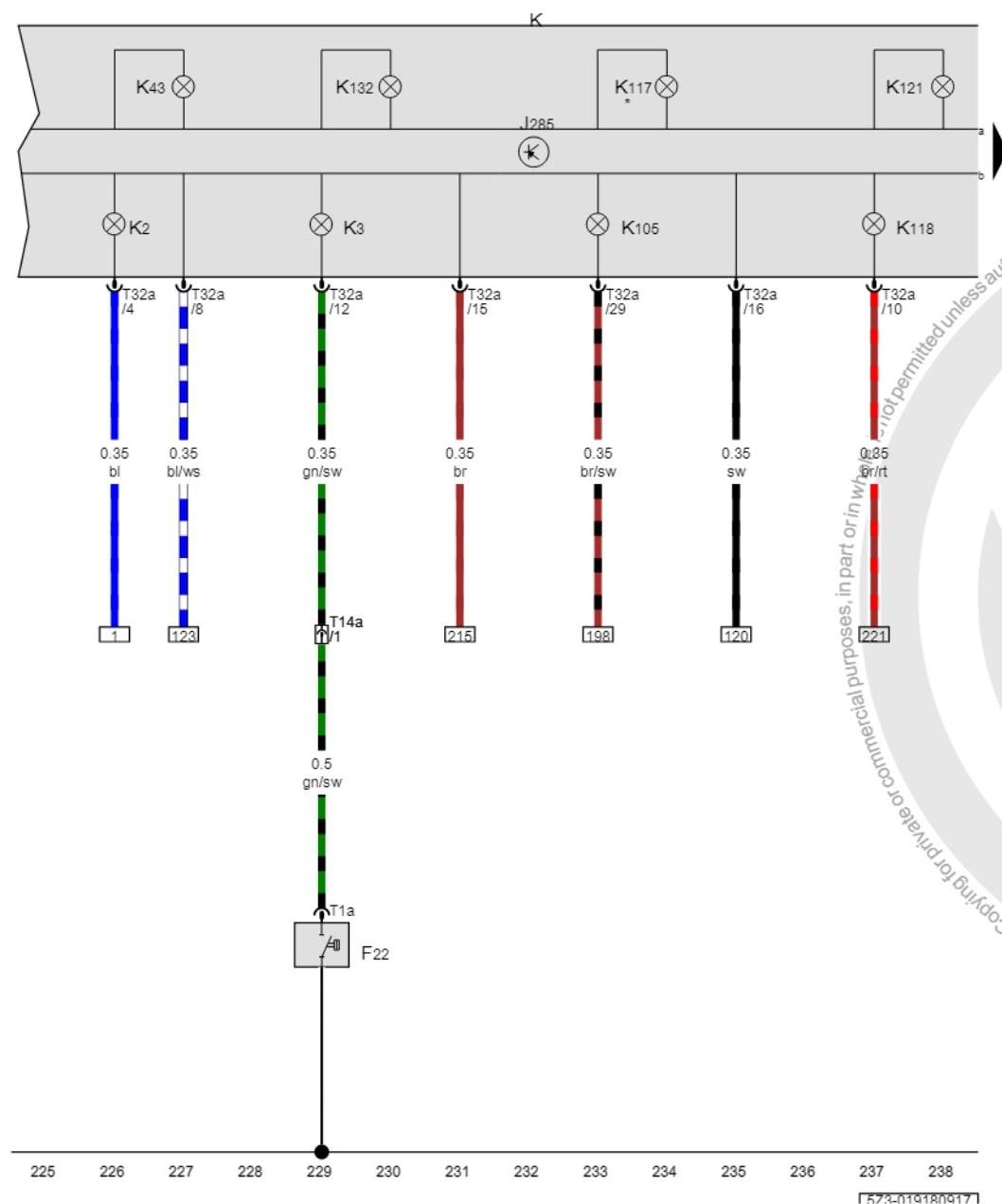
*3 For models with no rain and light sensor

*4 For models with rain and light sensor

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
purple
vi = purple
ge = yellow
or = orange
rs = pink

Handbrake warning switch, Brake fluid level warning contact





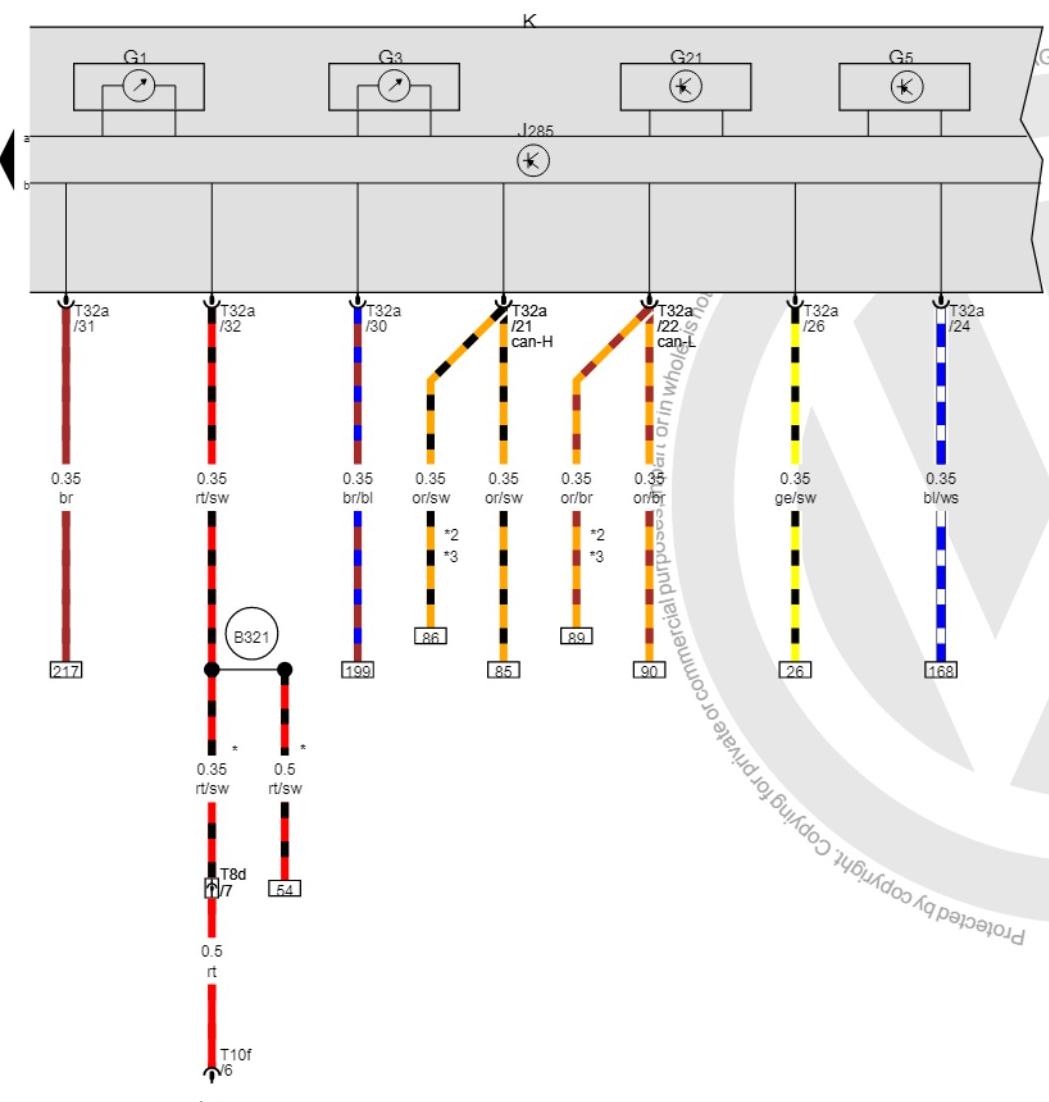
Oil pressure switch, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp, Oil pressure warning lamp, Reserve fuel warning lamp, Immobiliser warning lamp, Brake system warning lamp, Malfunction warning lamp

- F22 Oil pressure switch
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- K3 Oil pressure warning lamp
- K43 Coolant temperature warning lamp (too cold)
- K105 Reserve fuel warning lamp
- K117 Immobiliser warning lamp
- K118 Brake system warning lamp
- K121 Malfunction warning lamp
- K132 Electronic power control fault lamp
- T1a 1-pin connector
- T14a 14-pin connector, on left in engine compartment
- T32a 32-pin connector
- * Up to December 2010

ws	= white
sw	= black
sw	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

Copyright by Volkswagen AG. Copying or private reproduction, in part or in whole, is only permitted unless authorised by Volkswagen AG. Liability with respect to the correctness of information in this document is excluded.

Fuel gauge, Coolant temperature gauge, Rev. counter,
Speedometer, Control unit in dash panel insert, Dash panel
insert



G1	Fuel gauge
G3	Coolant temperature gauge
G5	Rev. counter
G21	Speedometer
J285	Control unit in dash panel insert
J301	Air conditioning system control unit
K	Dash panel insert
T8d	8-pin connector, behind dash panel, centre
T10f	10-pin connector
T32a	32-pin connector

(B321) Positive connection 7 (30a) in main wiring harness

* For models with air conditioning system

*2 From September 2011

*3 For models with basic equipment

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

Coming home/leaving home function with rain sensor

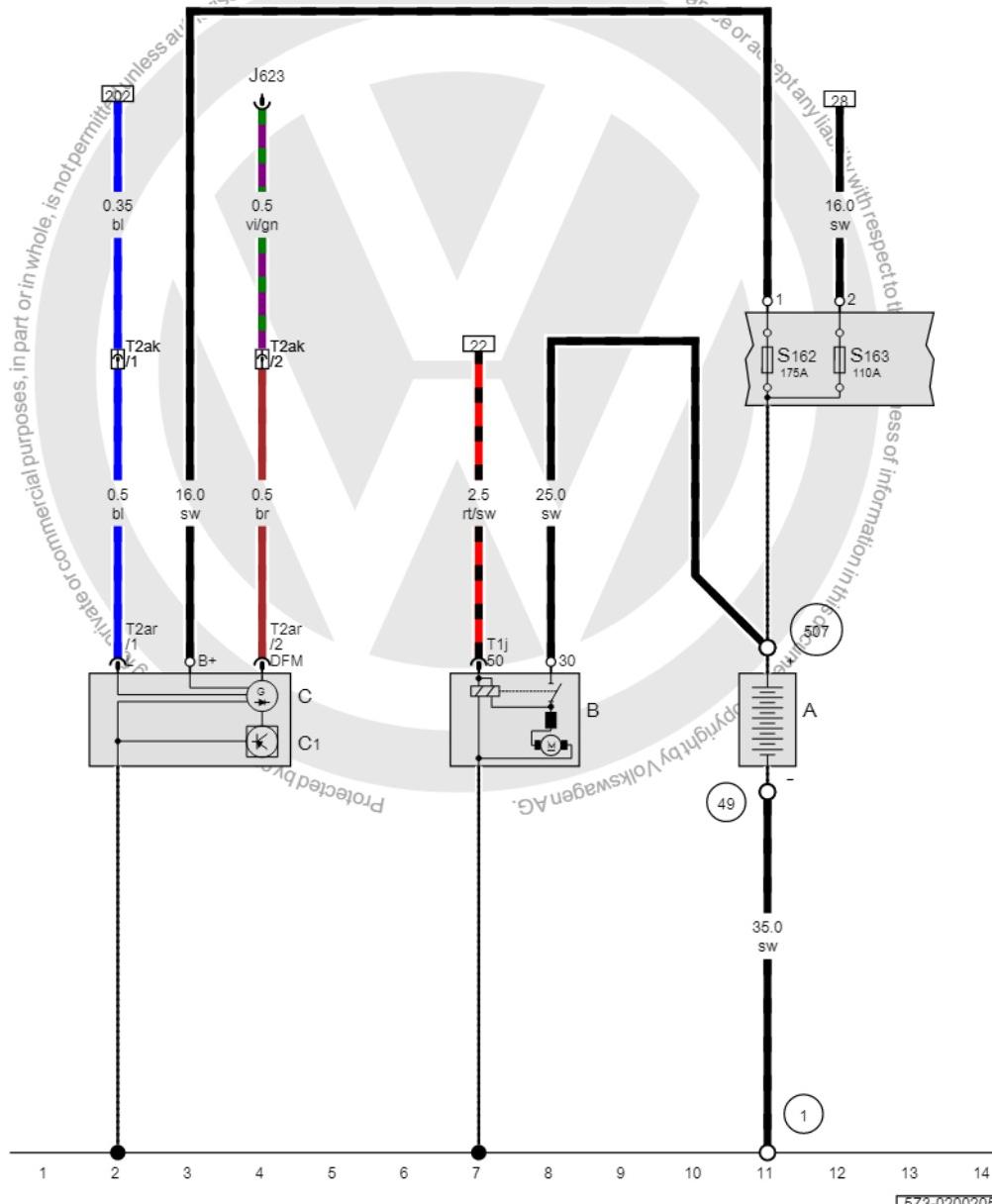
From November 2009



Battery, Starter, Alternator, Voltage regulator

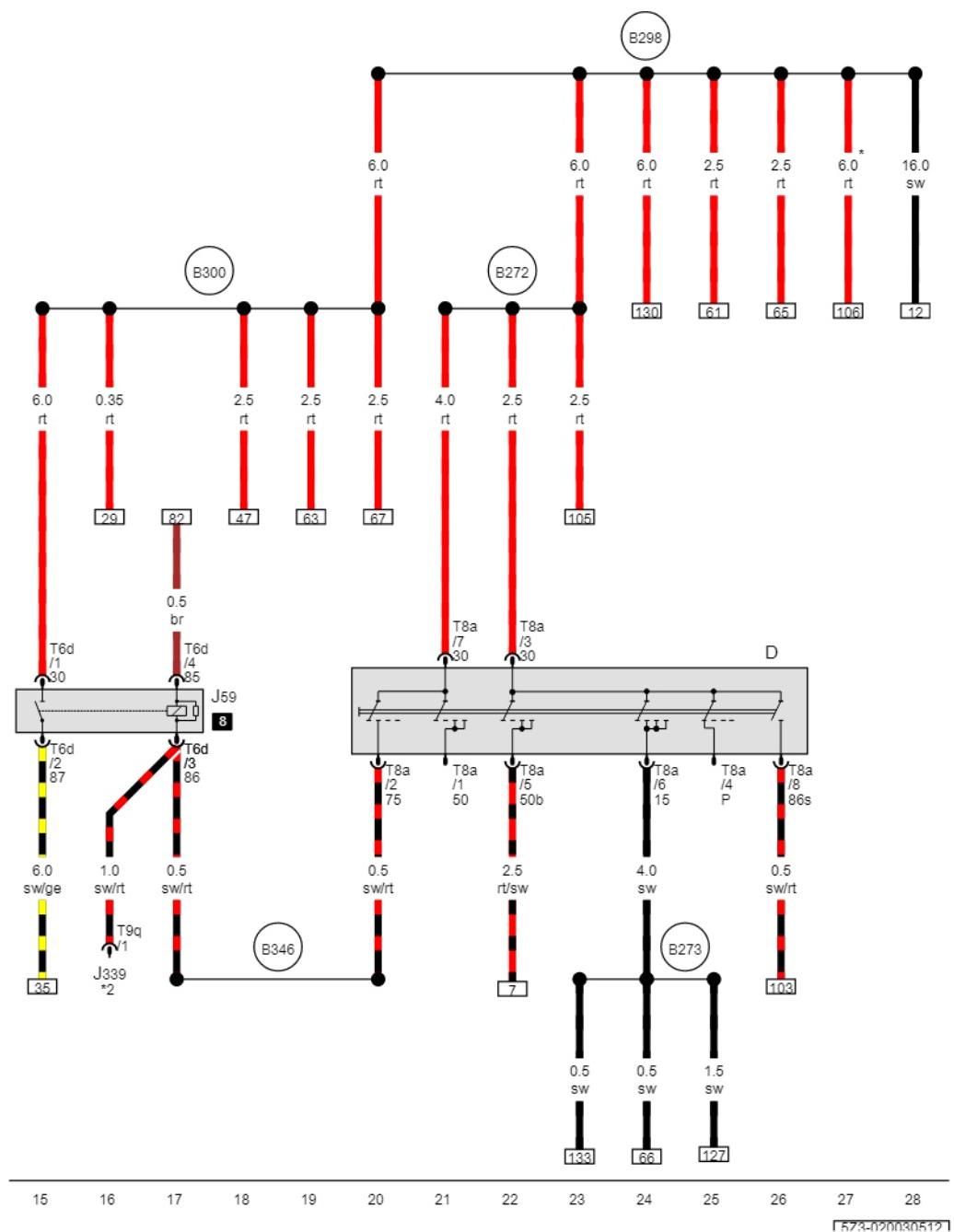
A Battery
 B Starter
 C Alternator
 C1 Voltage regulator
 J623 Engine control unit
 S162 Fuse 1 (30), in battery fuse holder
 S163 Fuse 2 (30), in battery fuse holder
 T2ak 2-pin connector, in engine compartment
 T2ar 2-pin connector

- (1) Earth strap, battery - body
- (49) Earth point, near ..., near battery
- (507) Threaded connection (30), on battery fuse holder



ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

Ignition/starter switch, X-contact relief relay



D Ignition/starter switch

J59 X-contact relief relay

J339 X contact relief relay 2

T6d 6-pin connector

T8a 8-pin connector

T9q 9-pin connector

(B272) Positive connection (30), in main wiring harness

(B273) Positive connection (15), in main wiring harness

(B298) Positive connection 2 (30), in main wiring harness

(B300) Positive connection 4 (30), in main wiring harness

(B346) Connection 1 (75), in main wiring harness

* Only models with central locking

*2 Only models with automated manual gearbox

ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

F573-0200305121

Rain and light sensor, Control unit for lighting and wiper functions

G397 Rain and light sensor

J393 Convenience system central control unit

J917 Control unit for lighting and wiper functions

T3au 3-pin connector

T12b 12-pin connector

T16d 16-pin connector

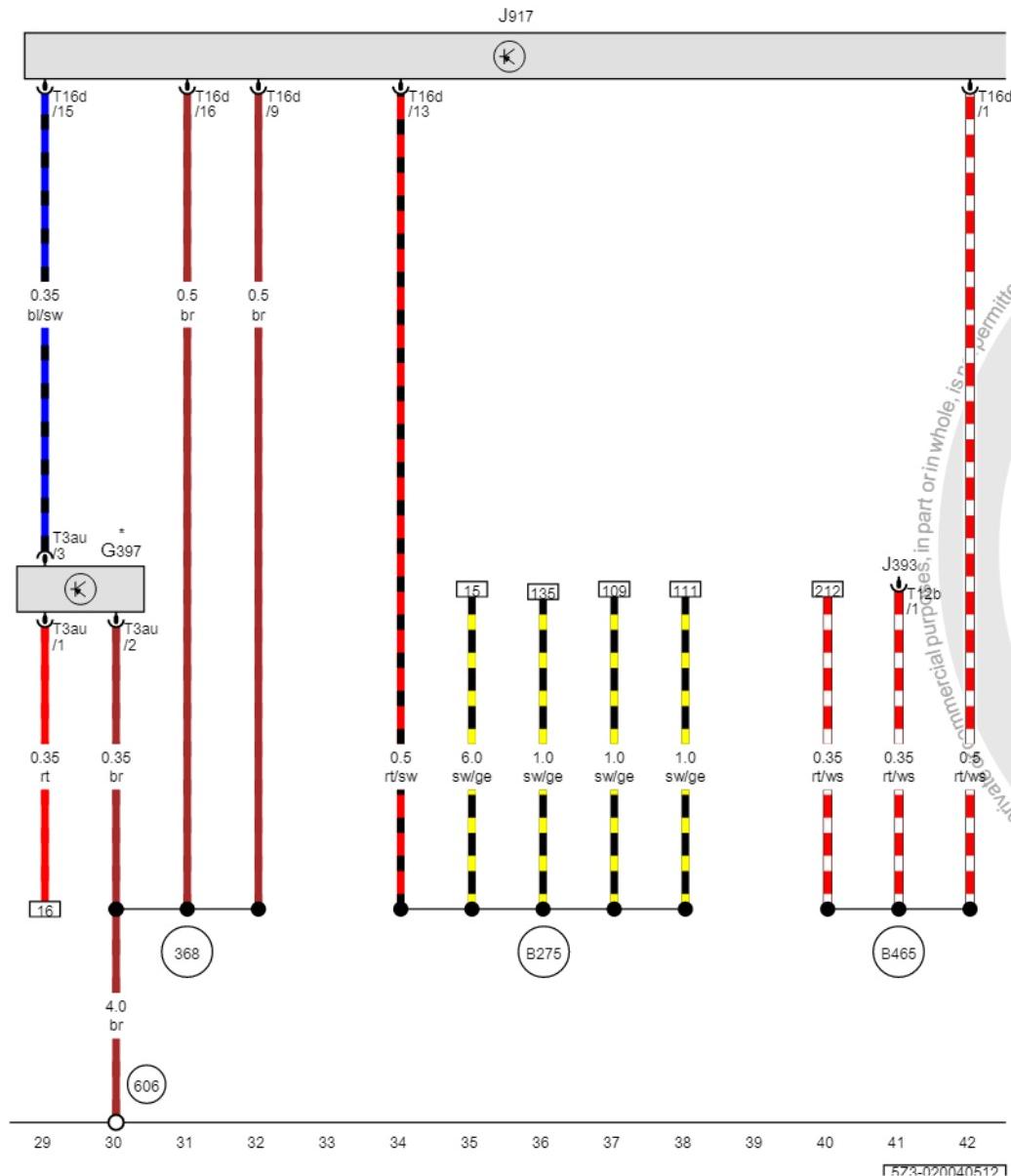
(368) Earth connection 3, in main wiring harness

606 Earth point, under the centre console near gear stick

(B275) Positive connection (87), in main wiring harness

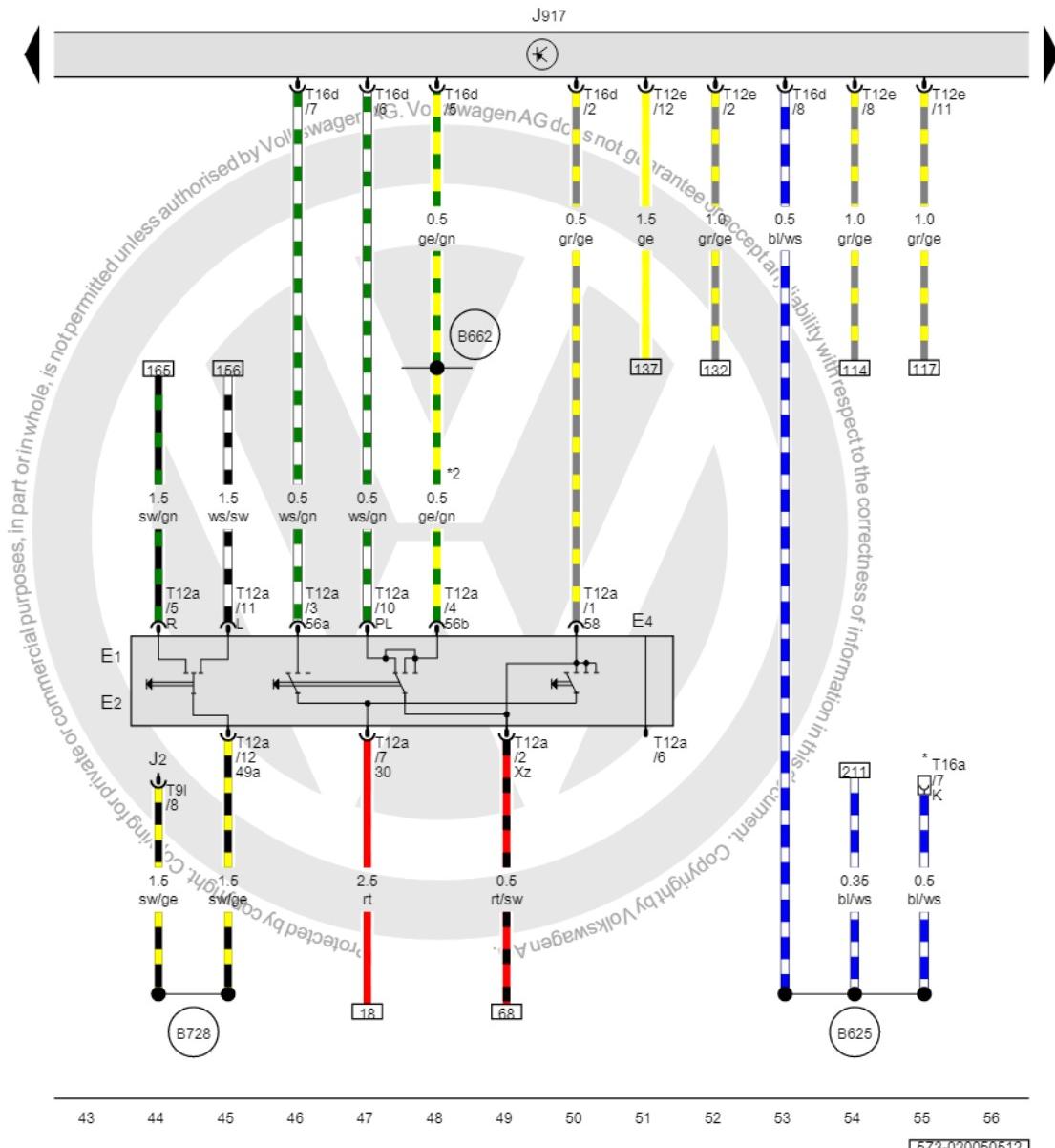
(B465) Connection 1, in main wiring harness

Only models with automatic anti-dazzle interior mirror



ws	= white
sw	= black
ro	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
ge	= yellow
or	= orange
rs	= pink

Light switch, Turn signal switch, Headlight dipper and flasher switch, Control unit for lighting and wiper functions



- E1 Light switch
- E2 Turn signal switch
- E4 Headlight dipper and flasher switch
- J2 Hazard warning light relay
- J917 Control unit for lighting and wiper functions
- T91 9-pin connector
- T12a 12-pin connector
- T12e 12-pin connector
- T16a 16-pin connector
- T16d 16-pin connector

(B625) Connection (K-diagnosis wire), in main wiring harness

(B662) Connection 2 (56b), in main wiring harness

(B728) Connection (49a), in main wiring harness

* Diagnostic connection

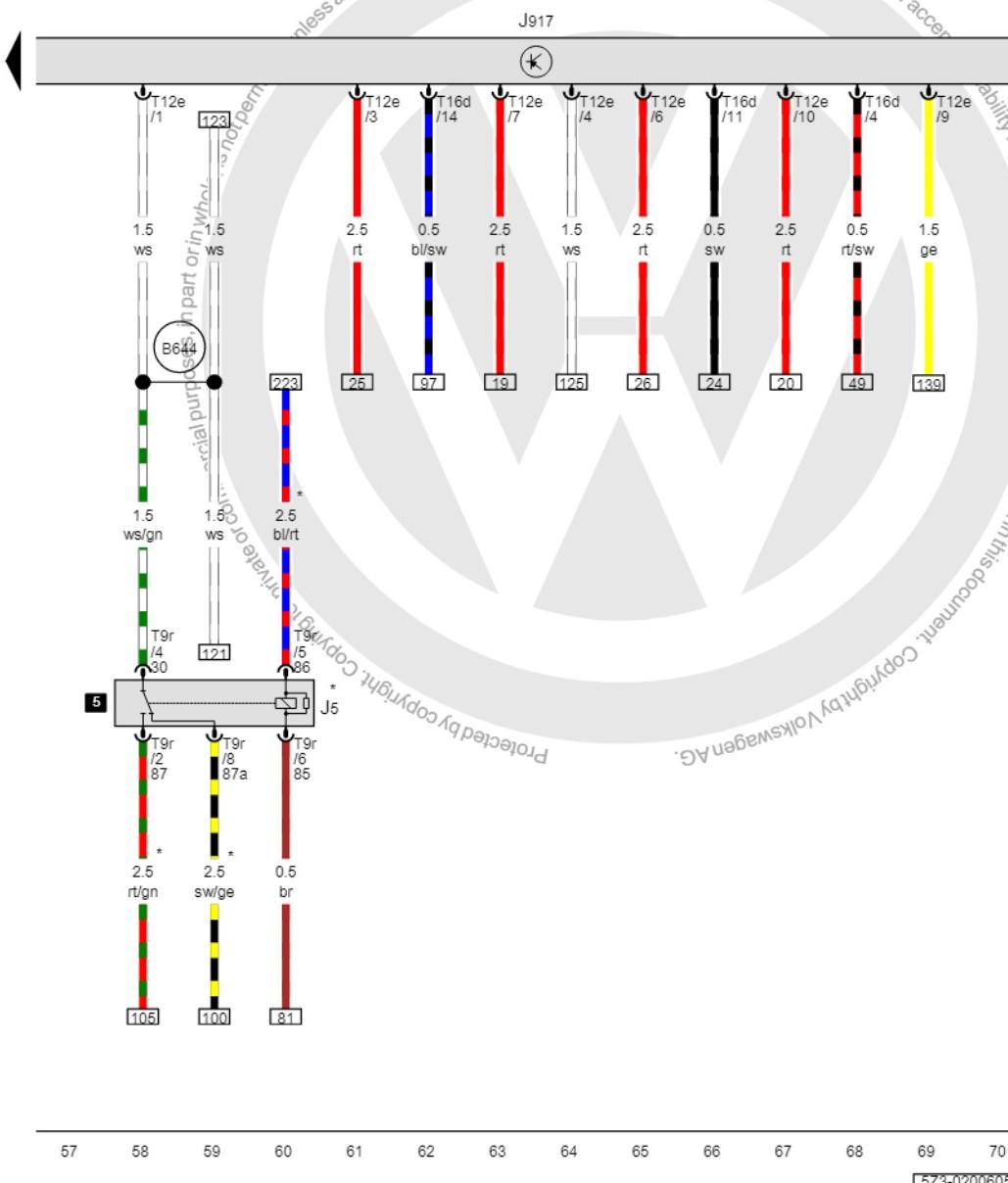
*2 Only CROSS models

Fog light relay, Control unit for lighting and wiper functions

J5 Fog light relay
 J917 Control unit for lighting and wiper functions
 T9r 9-pin connector
 T12e 12-pin connector
 T16d 16-pin connector

B644 Connection 3 (56a), in main wiring harness

* Only CROSS models



ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

57 58 59 60 61 62 63 64 65 66 67 68 69 70

Intermittent wiper switch, Rear wiper switch, Automatic intermittent wash and wipe control unit

E22 Intermittent wiper switch

E34 Rear wiper switch

J932 Automatic intermittent wash and wipe control unit

T8c 8-pin connector

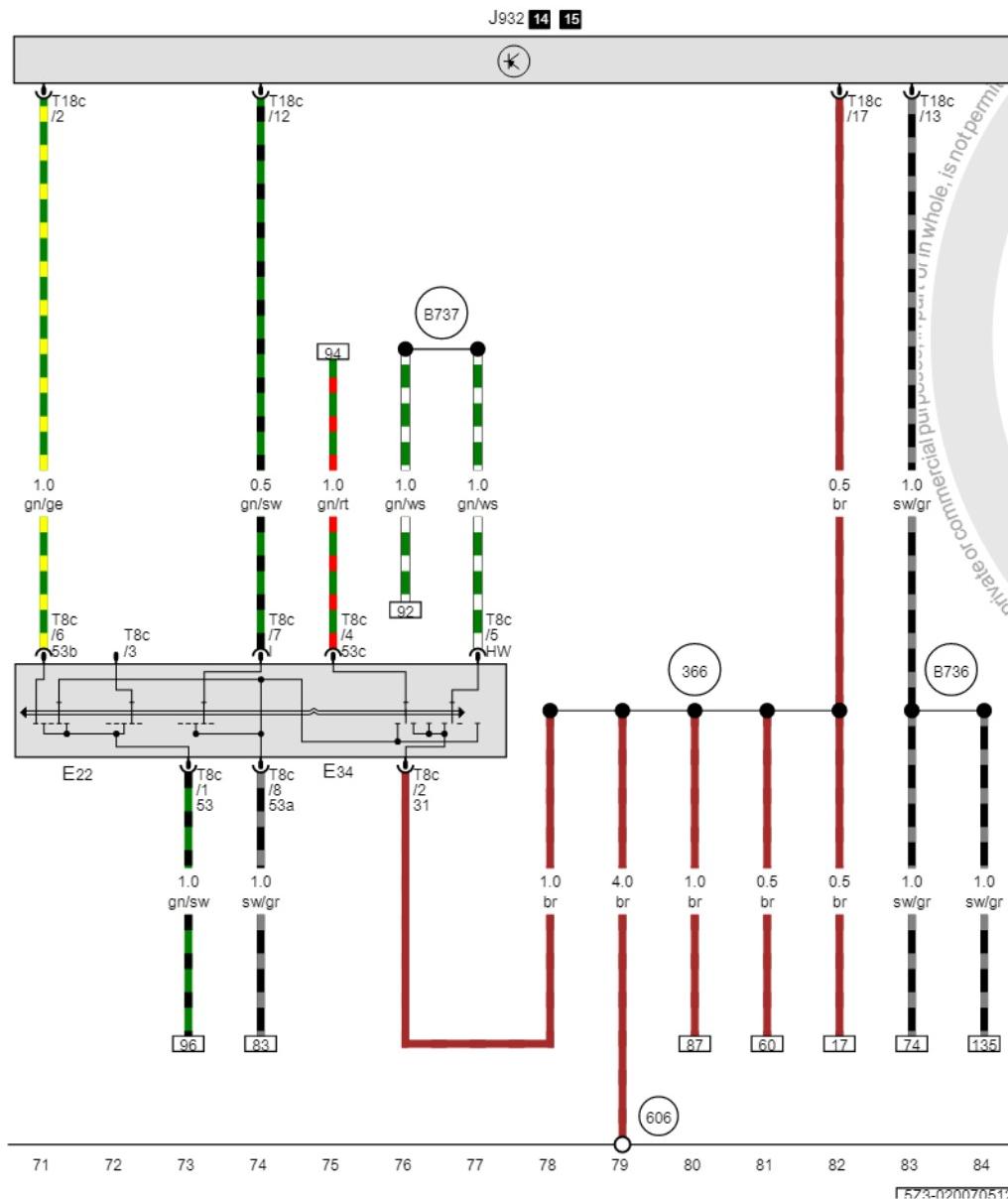
T18c 18-pin connector

180° 10-pin connector

606 Earth point under the centre console near gear stick

B736 Positive connection (53a) in main wiring harness

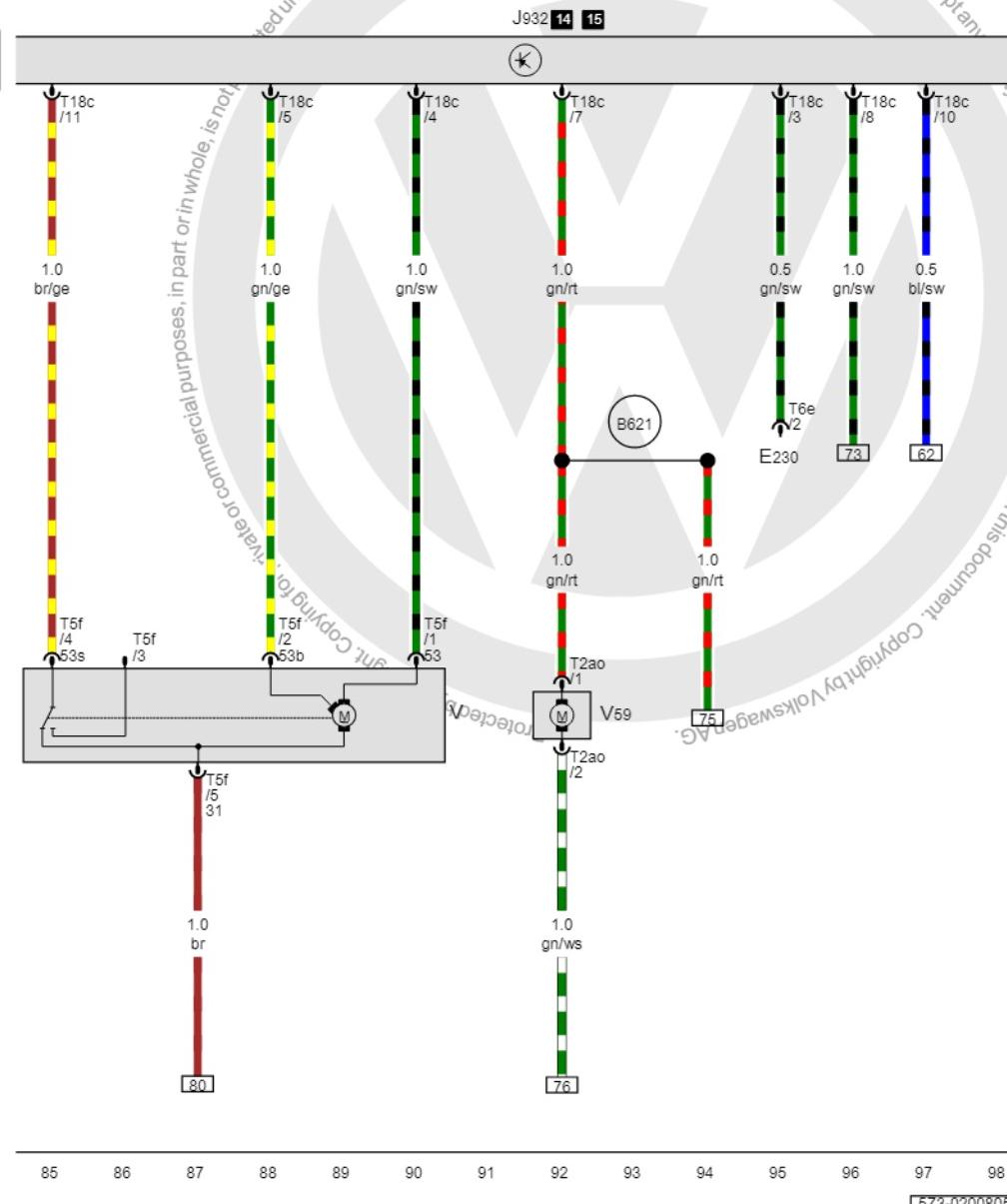
(B737) Connection 2 (53c), in main wiring harness

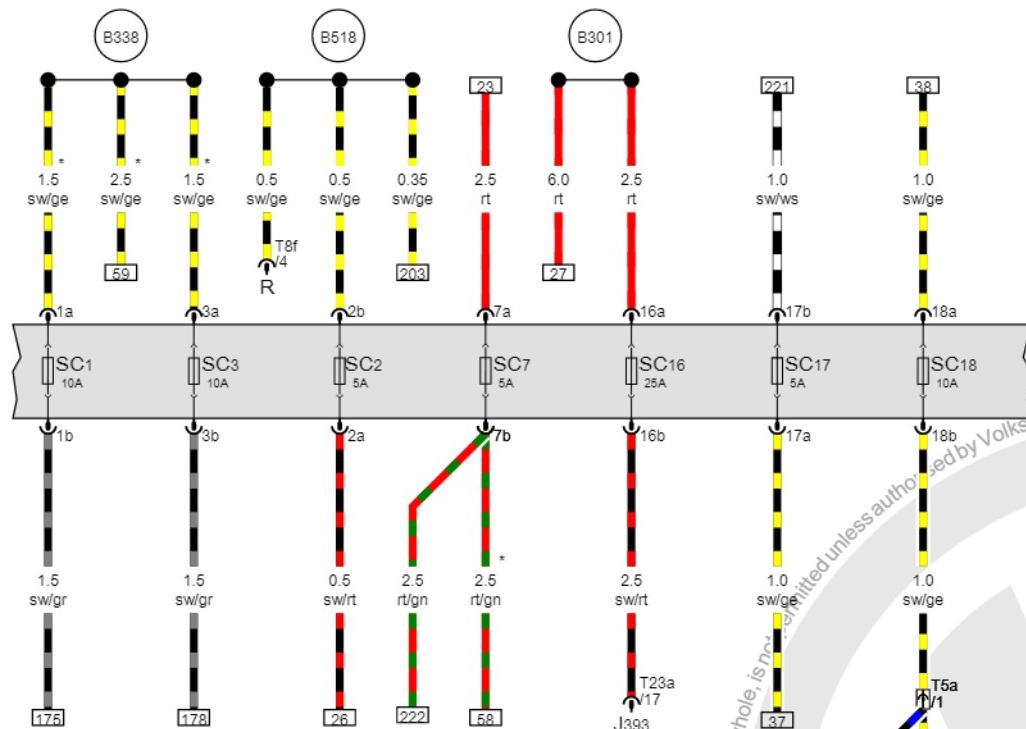


ws	= white
sw	= black
ro	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
ge	= yellow
or	= orange
rs	= pink

Automatic intermittent wash and wipe control unit,
Windscreen wiper motor, Windscreen and rear window
washer pump

E230	Heated rear window button
J932	Automatic intermittent wash and wipe control unit
T2ao	2-pin connector
T5f	5-pin connector
T6e	6-pin connector
T18c	18-pin connector
V	Windscreen wiper motor
V59	Windscreen and rear window washer pump
B621	Connection 1 (53c), in main wiring harness

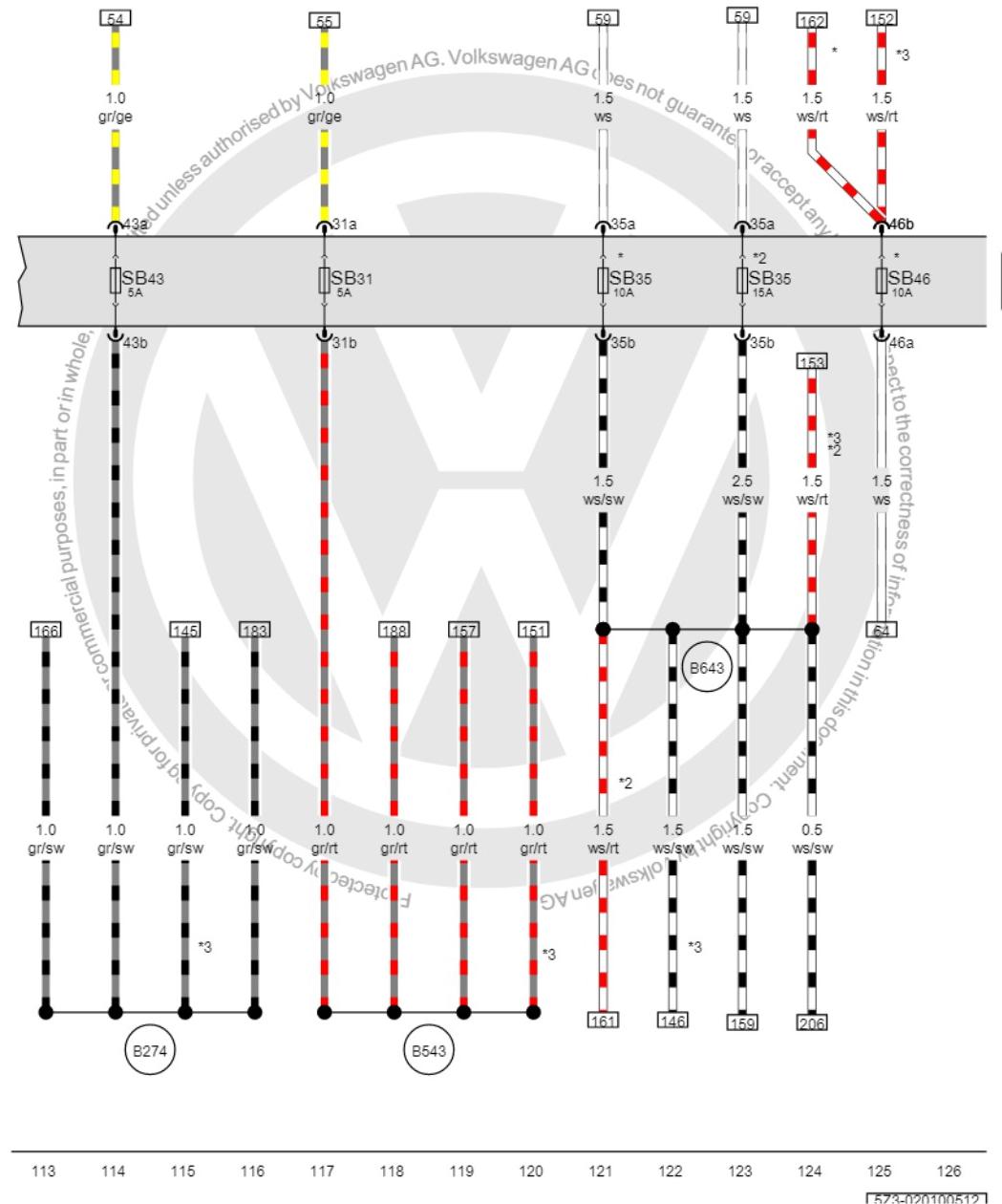




Fuse 1 on fuse holder C, Fuse 2 on fuse holder C, Fuse 3 on fuse holder C, Fuse 7 on fuse holder C, Fuse 16 on fuse holder C, Fuse 17 on fuse holder C, Fuse 18 on fuse holder C

- J393 Convenience system central control unit
- R Radio
- SC1 Fuse 1 on fuse holder C
- SC2 Fuse 2 on fuse holder C
- SC3 Fuse 3 on fuse holder C
- SC7 Fuse 7 on fuse holder C
- SC16 Fuse 16 on fuse holder C
- SC17 Fuse 17 on fuse holder C
- SC18 Fuse 18 on fuse holder C
- T4x 4-pin connector
- T5a 5-pin connector, behind rear left side trim, near wheel arch
- T8f 8-pin connector
- T23a 23-pin connector
- V12 Rear window wiper motor
- (B301) Positive connection 5 (30), in main wiring harness
- (B338) Connection 1(56), in main wiring harness
- (B518) Connection (86s), in main wiring harness
- * Only CROSS models
- *2 Only models with 4-doors

ws	= white
sw	= black
ro	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
ge	= yellow
or	= orange
rs	= pink



Fuse 31 on fuse holder B, Fuse 35 on fuse holder B, Fuse 43 on fuse holder B, Fuse 46 on fuse holder B

SB31 Fuse 31 on fuse holder B

SB35 Fuse 35 on fuse holder B

SB43 Fuse 43 on fuse holder B

SB46 Fuse 46 on fuse holder B

B274 Positive connection (58L), in main wiring harness

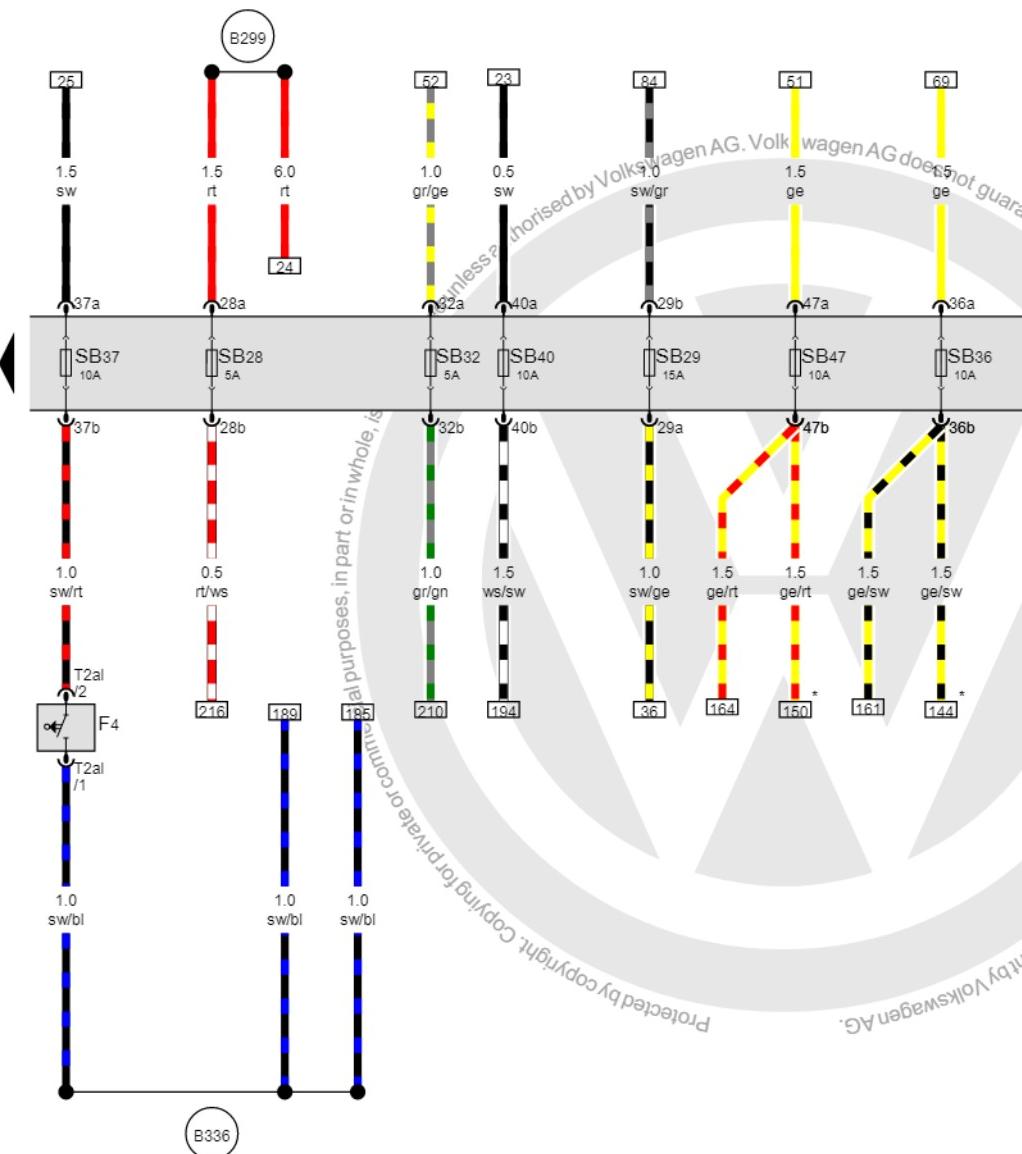
B543 Positive connection (58R), in main wiring harness

B643 Connection 2 (56a), in main wiring harness

* Up to May 2011

*2 From May 2011

*3 Only models with dual headlights



F4 Reversing light switch

SB28 Fuse 28 on fuse holder B

SB29 Fuse 29 on fuse holder B

SB32 Fuse 32 on fuse holder B

SB36 Fuse 36 on fuse holder B

SB37 Fuse 37 on fuse holder B

SB40 Fuse 40 on fuse holder B

SB47 Fuse 47 on fuse holder B

T2al 2-pin connector

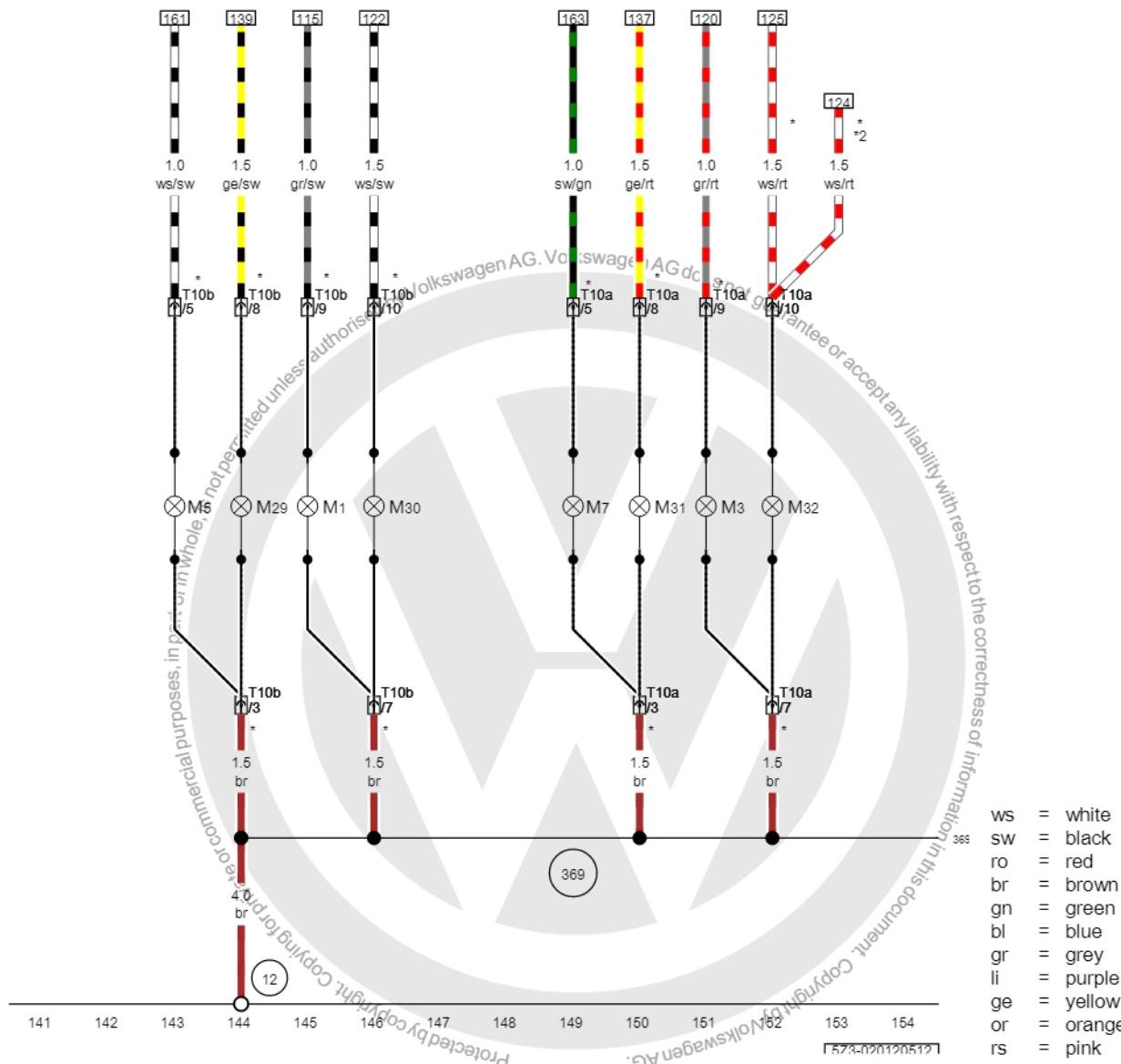
B299 Positive connection 3 (30), in main wiring harness

B336 Connection 2 (54), in main wiring harness

* Only models with dual headlights

ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

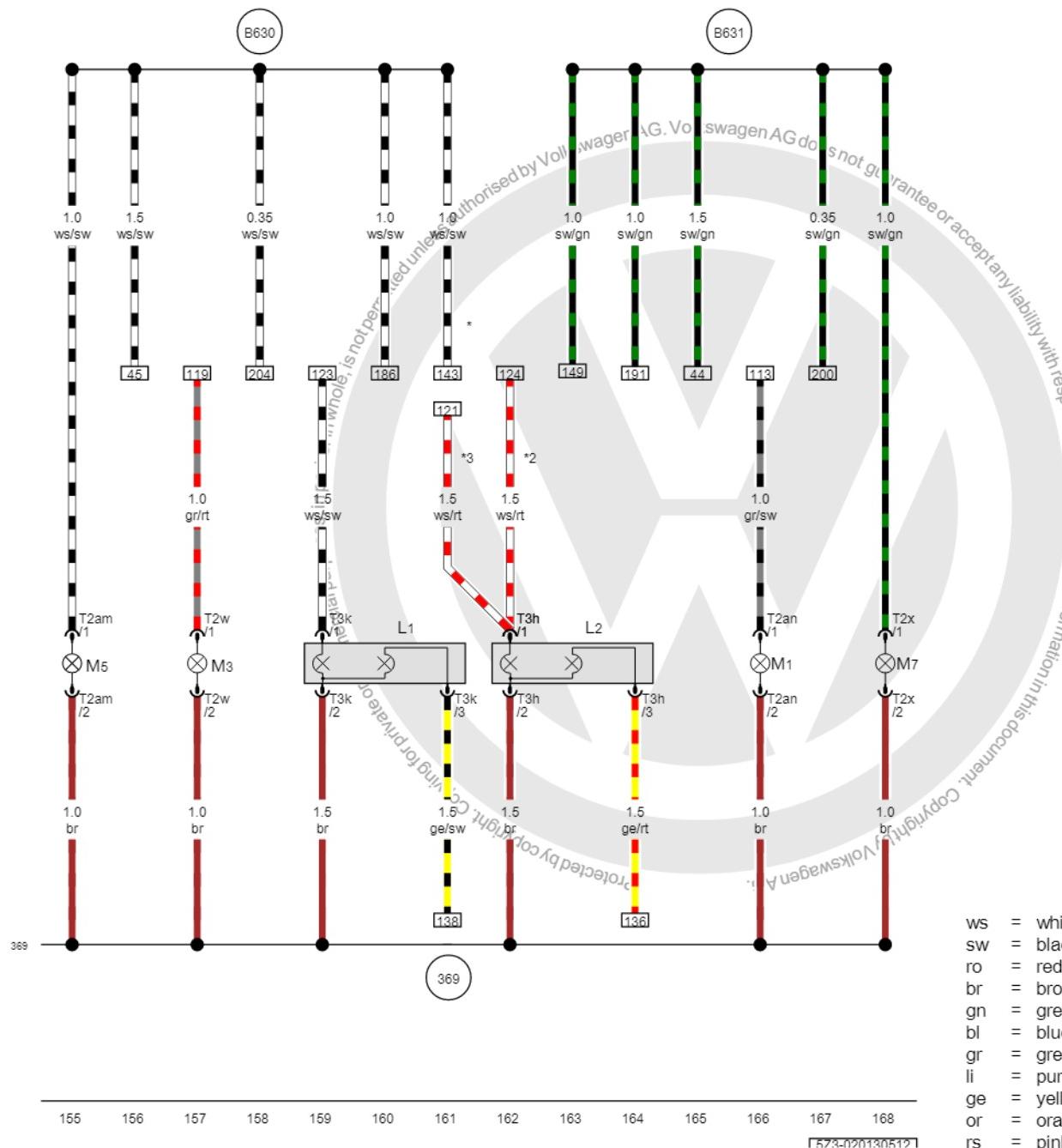
Left side light bulb, Right side light bulb, Front left turn signal bulb, Front right turn signal bulb, Left headlight dipped beam bulb, Left headlight main beam bulb, Right headlight dipped beam bulb, Right headlight main beam bulb



- | | |
|---|--|
| M1 | Left side light bulb |
| M3 | Right side light bulb |
| M5 | Front left turn signal bulb |
| M7 | Front right turn signal bulb |
| M29 | Left headlight dipped beam bulb |
| M30 | Left headlight main beam bulb |
| M31 | Right headlight dipped beam bulb |
| M32 | Right headlight main beam bulb |
| T10a | 10-pin connector |
| T10b | 10-pin connector |
|  12 | Earth point, on left in engine compartment |
|  369 | Earth connection 4, in main wiring harness |

* Only models with dual headlights
 *2 From May 2011

ws	= white
sw	= black
ro	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
ge	= yellow
or	= orange
rs	= pink



Left headlight twin filament bulb, Right headlight twin filament bulb, Left side light bulb, Right side light bulb, Front left turn signal bulb, Front right turn signal bulb

- L1 Left headlight twin filament bulb
- L2 Right headlight twin filament bulb
- M1 Left side light bulb
- M3 Right side light bulb
- M5 Front left turn signal bulb
- M7 Front right turn signal bulb
- T2am 2-pin connector
- T2an 2-pin connector
- T2w 2-pin connector
- T2x 2-pin connector
- T3h 3-pin connector
- T3k 3-pin connector
- 369 Earth connection 4, in main wiring harness
- B630 Positive connection (left turn signal bulb), in main wiring harness
- B631 Positive connection (right turn signal bulb), in main wiring harness

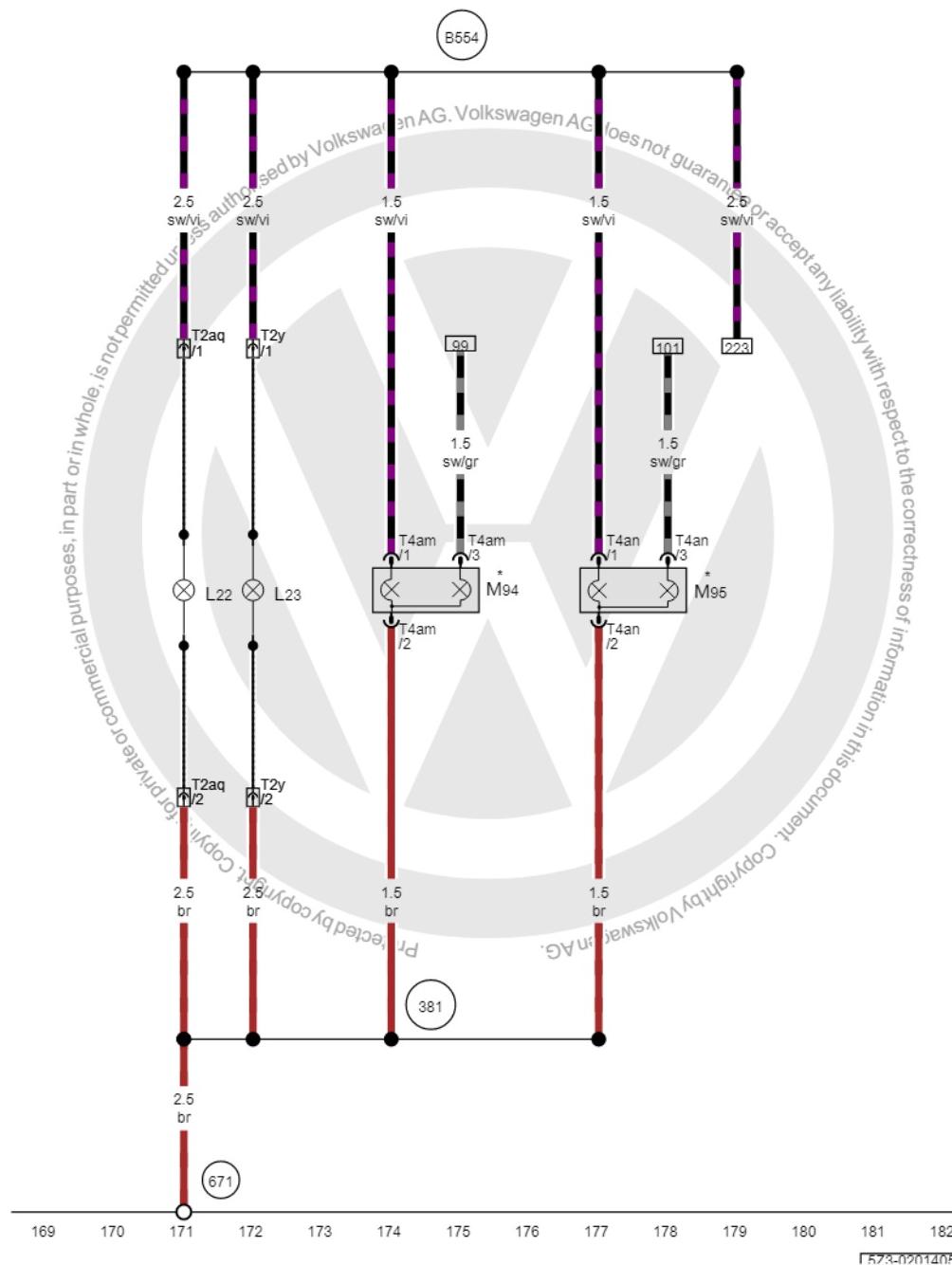
* Only models with dual headlights
*2 Up to May 2011
*3 From May 2011

Left fog light bulb, Right fog light bulb, Left main beam headlight and fog light bulb, Right main beam headlight and fog light bulb

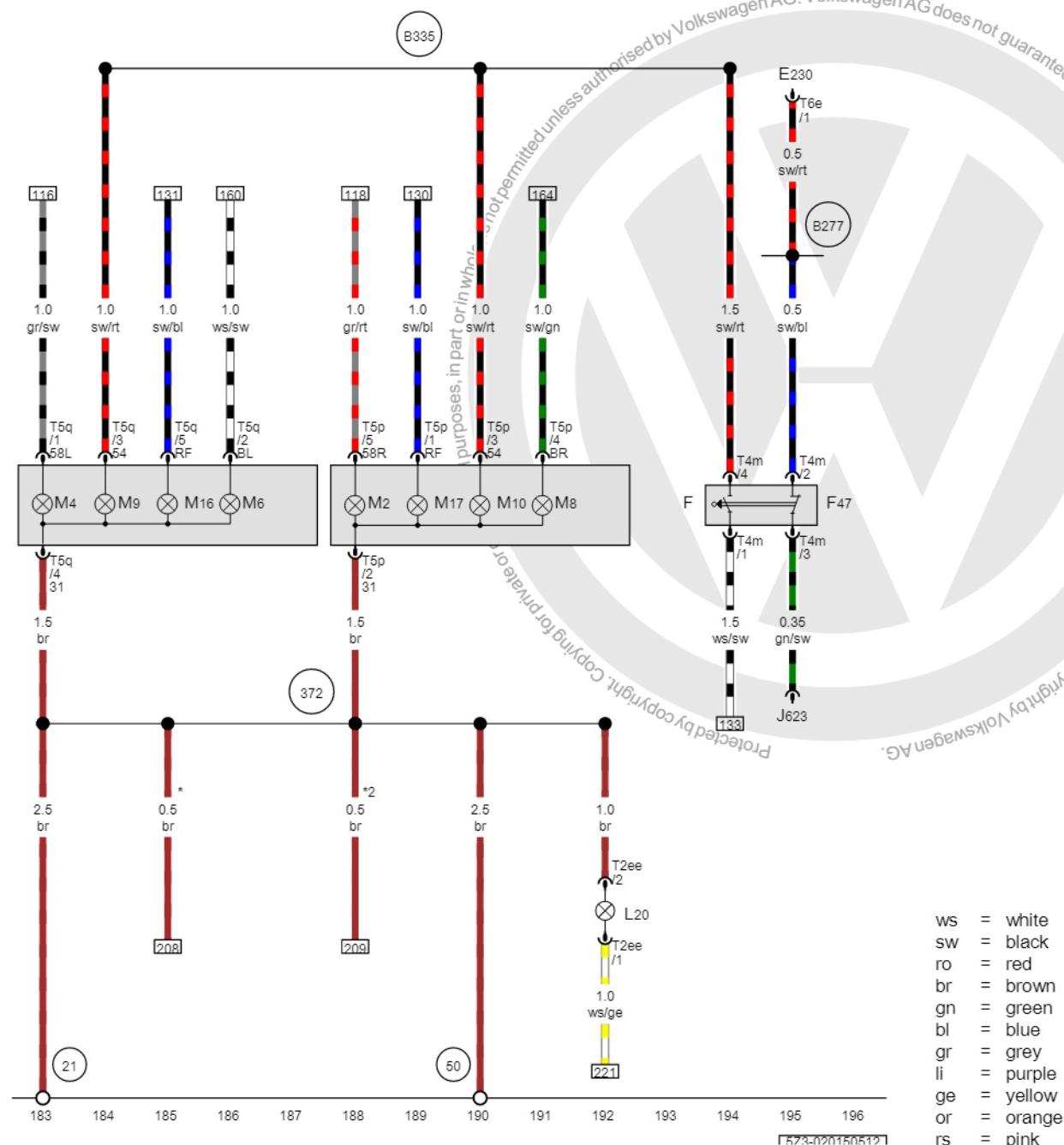
- | | |
|--|---|
| L22 | Left fog light bulb |
| L23 | Right fog light bulb |
| M94 | Left main beam headlight and fog light bulb |
| M95 | Right main beam headlight and fog light bulb |
| T2aq | 2-pin connector |
| T2y | 2-pin connector |
| T4am | 4-pin connector |
| T4an | 4-pin connector |
|  381 | Earth connection 16, in main wiring harness |
|  671 | Earth point 1, on front of left longitudinal member |
|  B554 | Connection (fog light), in main wiring harness |

* Only CROSS models

* Only CROSS models



ws	= white
sw	= black
ro	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
ge	= yellow
or	= orange
rs	= pink

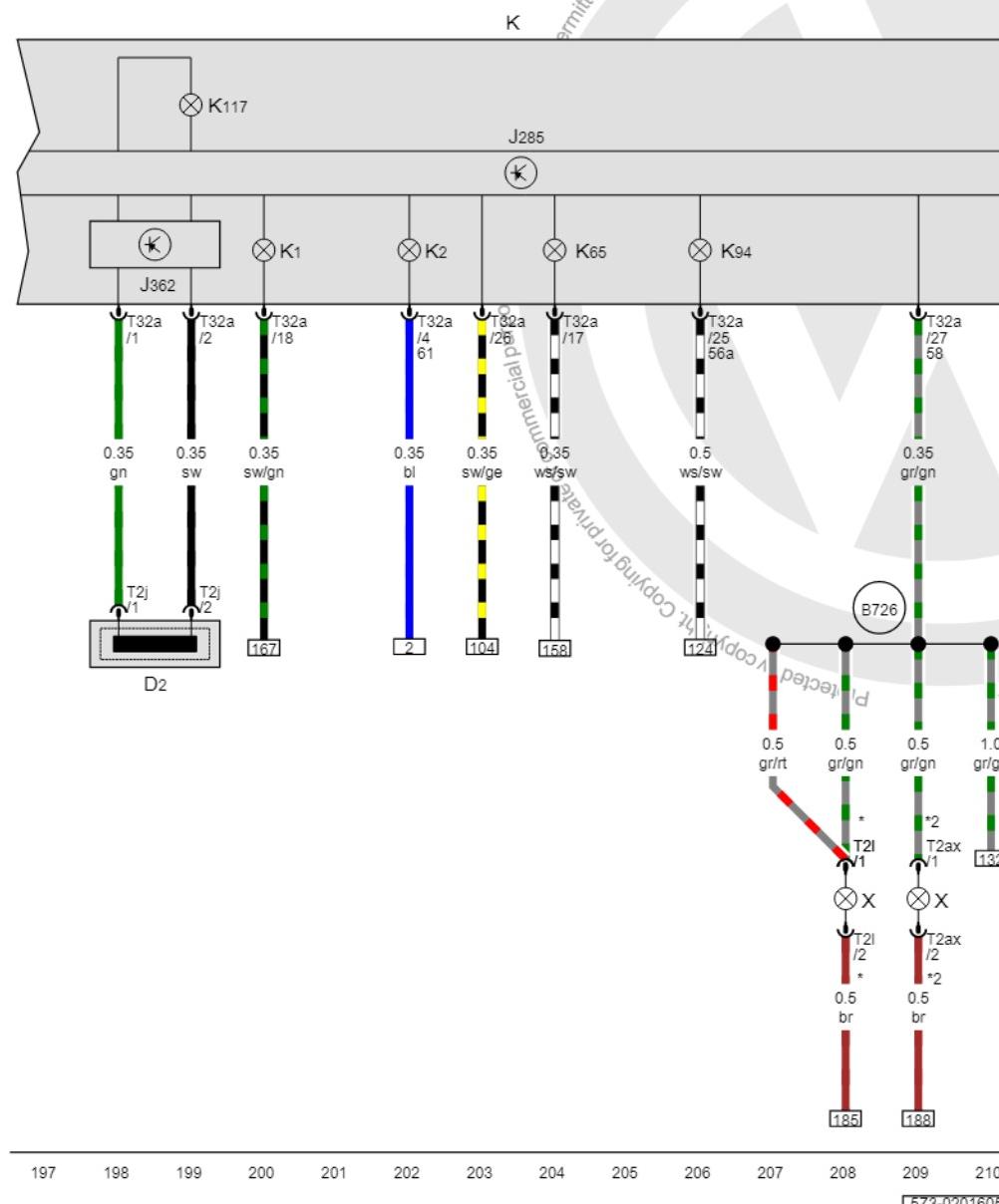


Brake light switch, Right tail light bulb, Left tail light bulb, Rear left turn signal bulb, Rear right turn signal bulb, Left brake light bulb, Right brake light bulb, Left reversing light bulb, Right reversing light bulb

- E230 Heated rear window button
 - F Brake light switch
 - F47 Brake pedal switch
 - J623 Engine control unit
 - L20 Rear fog light bulb
 - M2 Right tail light bulb
 - M4 Left tail light bulb
 - M6 Rear left turn signal bulb
 - M8 Rear right turn signal bulb
 - M9 Left brake light bulb
 - M10 Right brake light bulb
 - M16 Left reversing light bulb
 - M17 Right reversing light bulb
 - T2ee 2-pin connector
 - T4m 4-pin connector
 - T5p 5-pin connector
 - T5q 5-pin connector
 - T6e 6-pin connector
 - 21 Earth point, near fuel pump
 - 50 Earth point, on left in luggage compartment
 - 372 Earth connection 7, in main wiring harness
 - B277 Positive connection 1 (15a) in main wiring harness
 - B335 Connection 1 (54), in main wiring harness
- * Only models with 4-doors
*2 Only CROSS models

ws	= white
sw	= black
ro	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
ge	= yellow
or	= orange
rs	= pink

Immobiliser reader coil, Control unit in dash panel insert, Dash panel insert, Main beam warning lamp, Alternator warning lamp, Left turn signal warning lamp, Right turn signal warning lamp, Number plate light



D2	Immobiliser reader coil
J285	Control unit in dash panel insert
J362	Immobiliser control unit
K	Dash panel insert
K117	Main beam warning lamp
K2	Alternator warning lamp
K65	Left turn signal warning lamp
K94	Right turn signal warning lamp
X	Number plate light

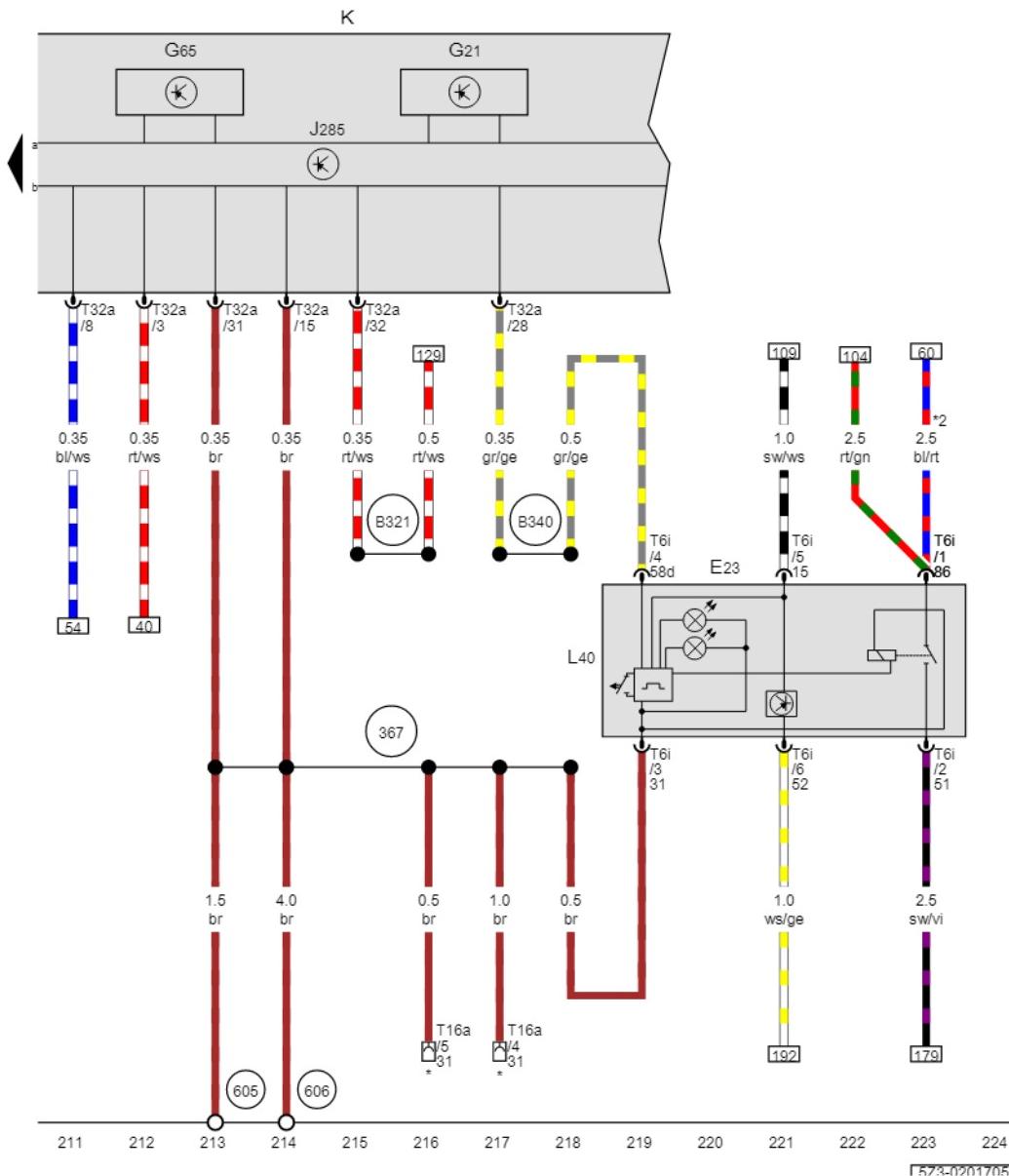
B726 Positive connection 2 (58), in main wiring harness

Only models with 4-doors
Only CROSS models

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

197 198 199 200 201 202 203 204 205 206 207 208 209 210

Front and rear fog light switch, Speedometer, High-pressure sender, Control unit in dash panel insert, Dash panel insert, Front and rear fog light switch illumination bulb



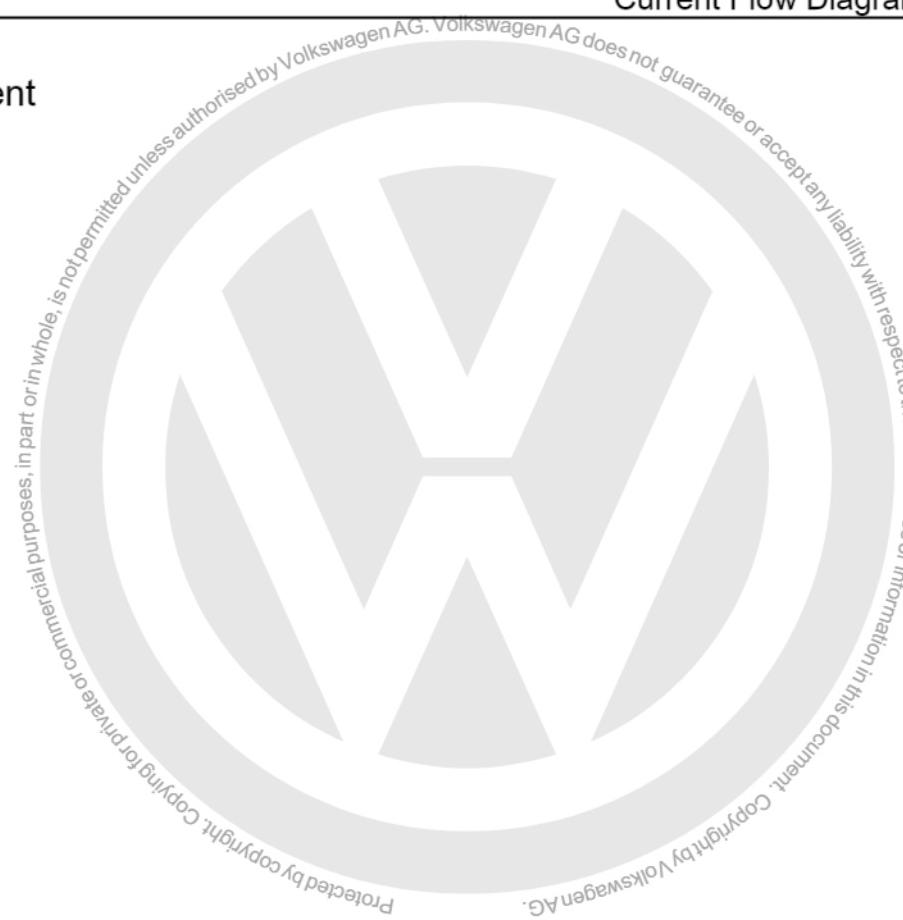
ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

- E23 Front and rear fog light switch
 G21 Speedometer
 G65 High-pressure sender
 J285 Control unit in dash panel insert
 L40 Dash panel insert
 T6i 6-pin connector
 T16a 16-pin connector
 T32a 32-pin connector
 367 Earth connection 2, in main wiring harness
 605 Earth point, on top end of steering column
 606 Earth point, under the centre console near gear stick
 B321 Positive connection 7 (30a) in main wiring harness
 B340 Connection 1 (58d), in main wiring harness
 31 Diagnostic connection
Only CROSS models

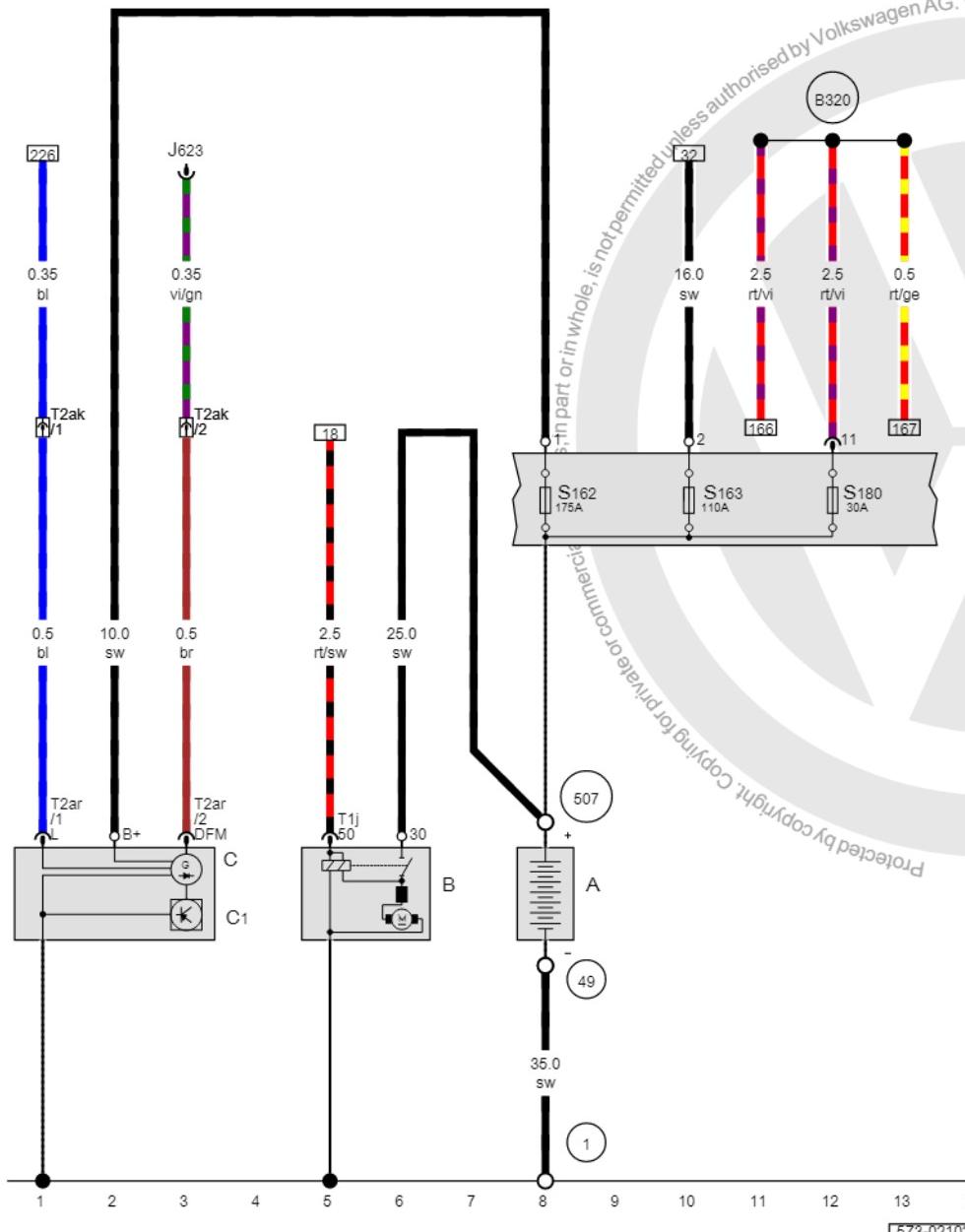
Current Flow Diagram

Basic equipment

From January 2011



Battery, Starter, Alternator, Voltage regulator



A Battery
B Starter
C Alternator
C1 Voltage regulator
J623 Engine control unit
S162 Fuse 1 (30), in battery fuse holder
S163 Fuse 2 (30), in battery fuse holder
S180 Fuse 8 (30), in battery fuse holder
T1ay Single connector
T1j Single connector
T2ak 2-pin connector, in engine compartment
T2ar 2-pin connector

1 Earth strap, battery - body
49 Earth point, near ..., near battery
507 Threaded connection (30), on battery fuse holder
B320 Positive connection 6 (30a) in main wiring harness

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

1573-0210005121

Ignition/starter switch, X-contact relief relay

D Ignition/starter switch

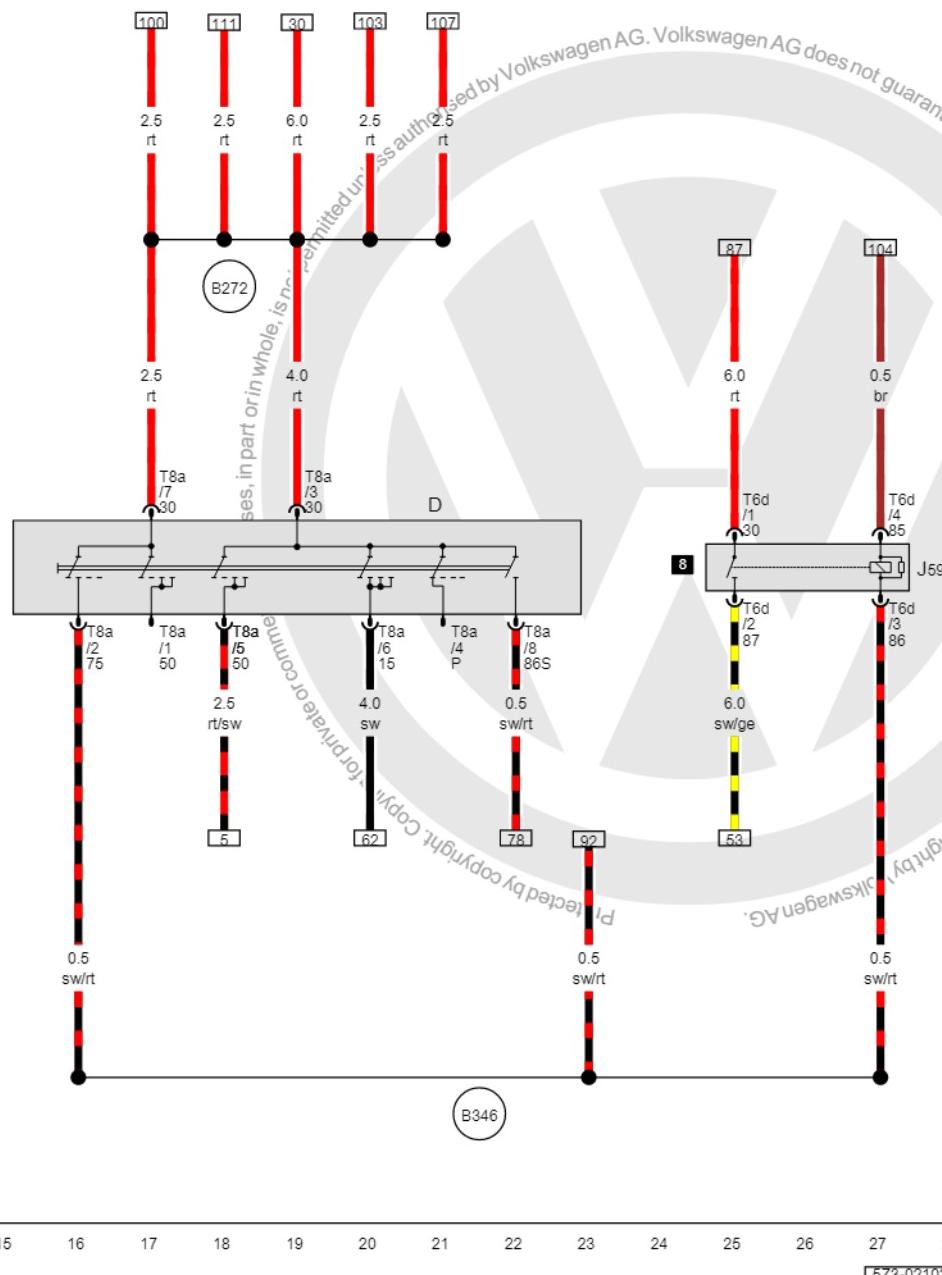
J59 X-contact relief relay

T6d 6-pin connector

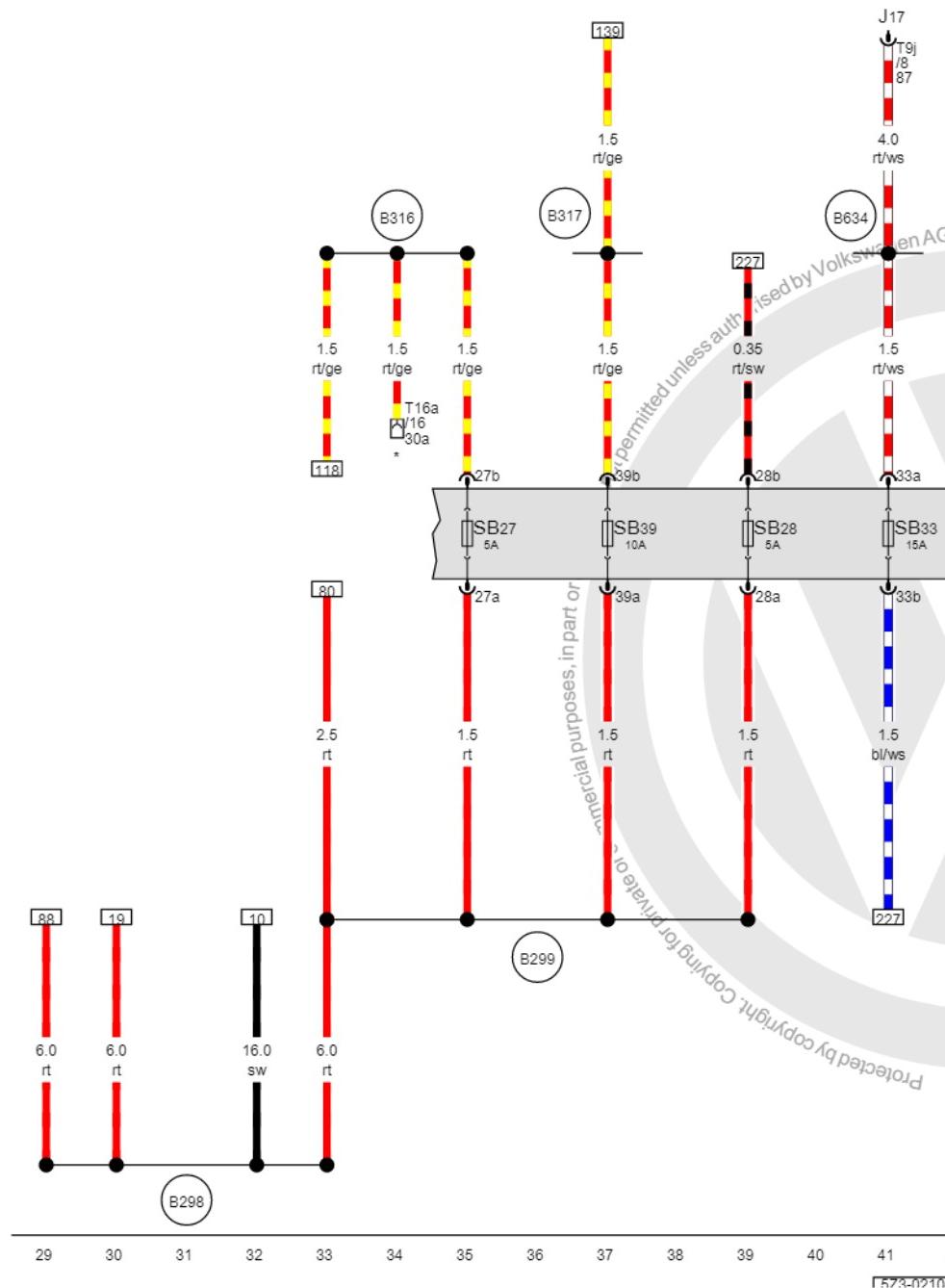
T8a 8-pin connector

B272 Positive connection (30), in main wiring harness

B346 Connection 1 (75), in main wiring harness



ws	= white
sw	= black
ro	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
ge	= yellow
or	= orange
rs	= pink



Fuse 27 on fuse holder B, Fuse 28 on fuse holder B, Fuse 33 on fuse holder B, Fuse 39 on fuse holder B

J17 Fuel pump relay

SB27 Fuse 27 on fuse holder B

SB28 Fuse 28 on fuse holder B

SB33 Fuse 33 on fuse holder B

SB39 Fuse 39 on fuse holder B

T9j 9-pin connector

T16a 16-pin connector

B298 Positive connection 2 (30), in main wiring harness

B299 Positive connection 3 (30), in main wiring harness

B316 Positive connection 2 (30a) in main wiring harness

B317 Positive connection 3 (30a) in main wiring harness

B634 Positive connection 2 (87), in main wiring harness

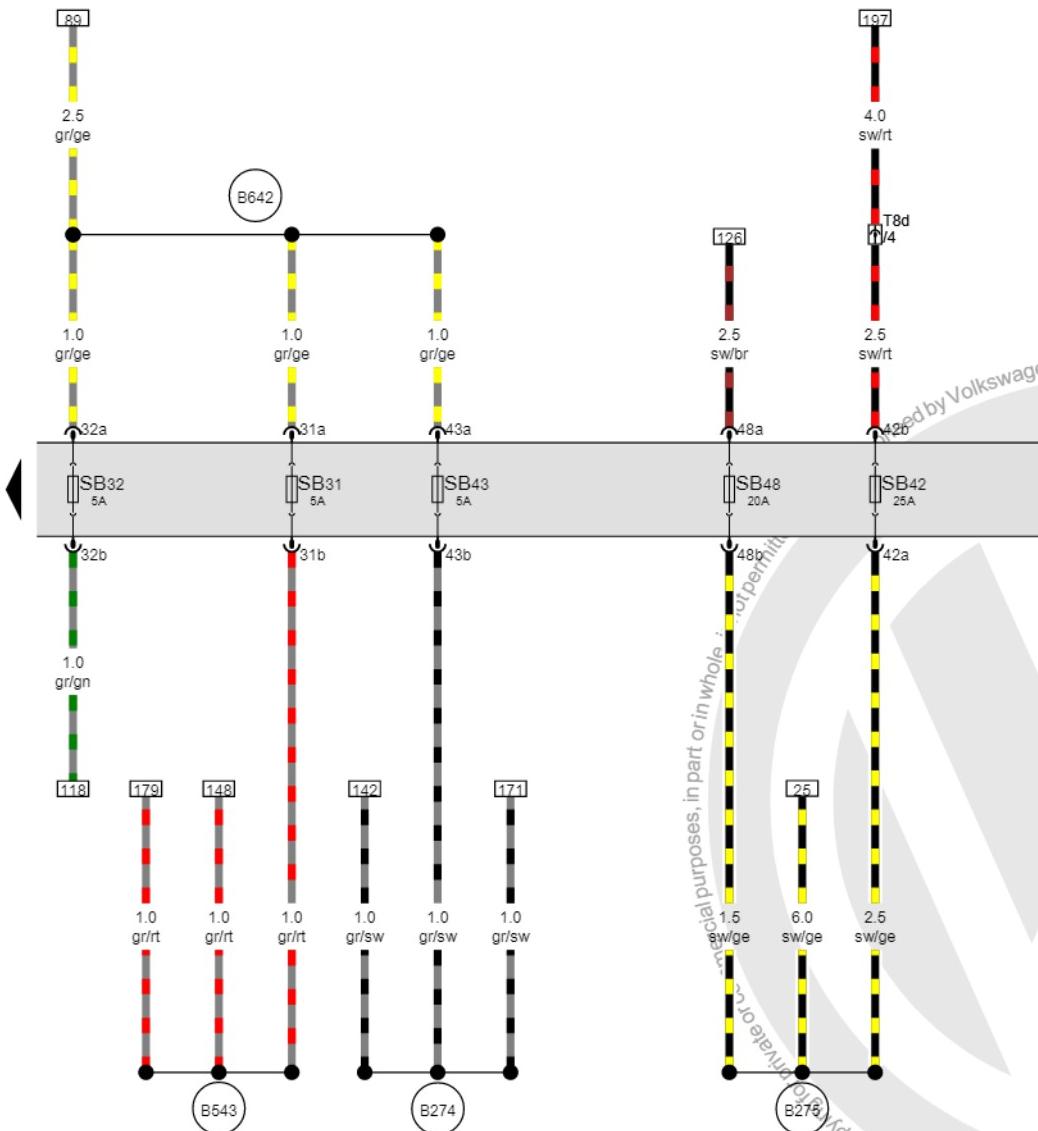
* Diagnostic connection

ws	= white
sw	= black
or	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
ge	= yellow
or	= orange
rs	= pink

1573-0210405121

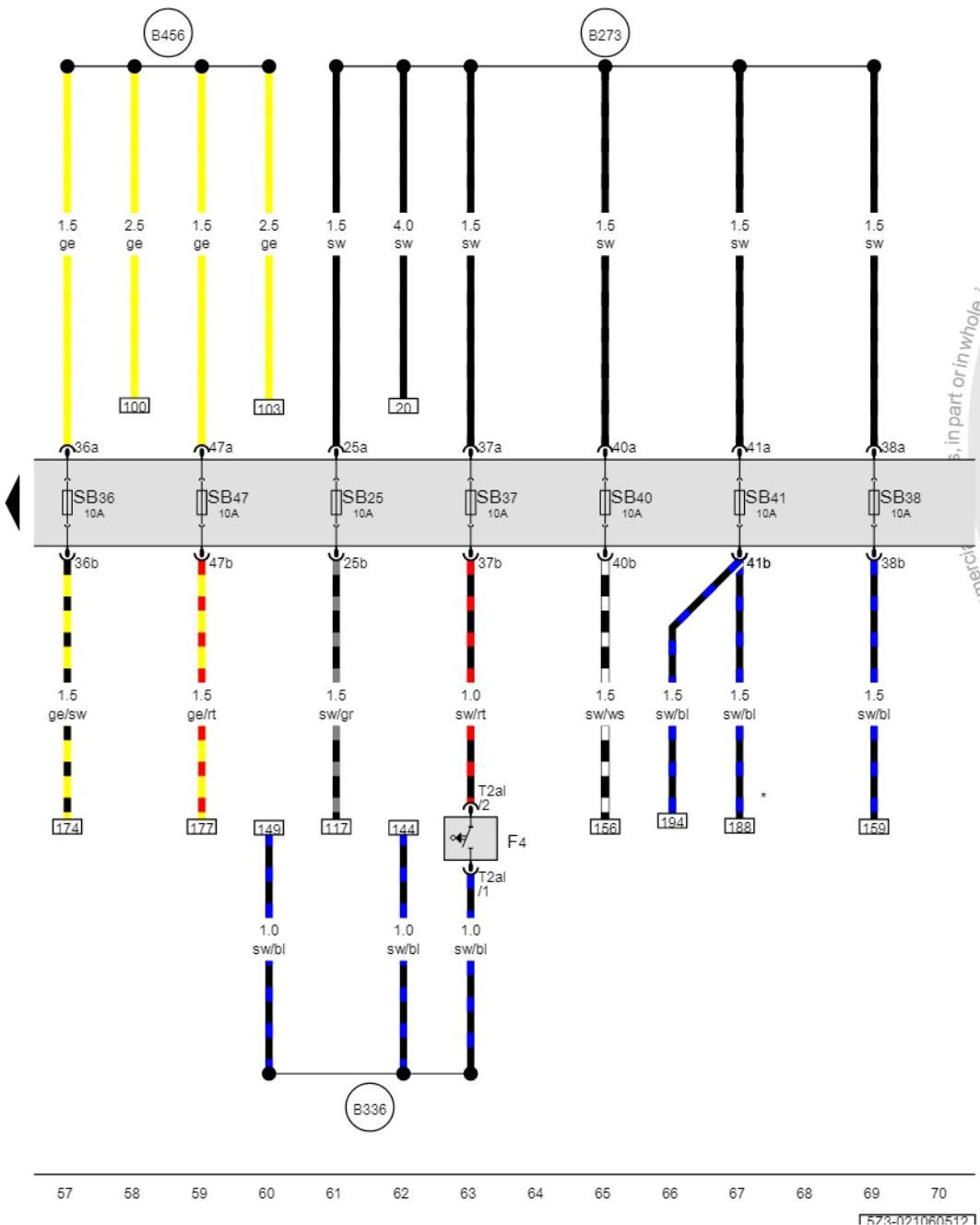
Fuse 31 on fuse holder B, Fuse 32 on fuse holder B, Fuse 42 on fuse holder B, Fuse 43 on fuse holder B, Fuse 48 on fuse holder B

- SB31 Fuse 31 on fuse holder B
- SB32 Fuse 32 on fuse holder B
- SB42 Fuse 42 on fuse holder B
- SB43 Fuse 43 on fuse holder B
- SB48 Fuse 48 on fuse holder B
- T8d 8-pin connector, behind dash panel, centre
- (B274) Positive connection (58L), in main wiring harness
- (B275) Positive connection (87), in main wiring harness
- (B543) Positive connection (58R), in main wiring harness
- (B642) Positive connection (58), in main wiring harness



ws	= white
sw	= black
ro	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
ge	= yellow
or	= orange
rs	= pink

Reversing light switch



ws	= white
sw	= black
ro	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
ge	= yellow
or	= orange
rs	= pink

F4 Reversing light switch

SB25 Fuse 25 on fuse holder B

SB36 Fuse 36 on fuse holder B

SB37 Fuse 37 on fuse holder B

SB38 Fuse 38 on fuse holder B

SB40 Fuse 40 on fuse holder B

SB41 Fuse 41 on fuse holder B

SB47 Fuse 47 on fuse holder B

T2al 2-pin connector

(B273) Positive connection (15), in main wiring harness

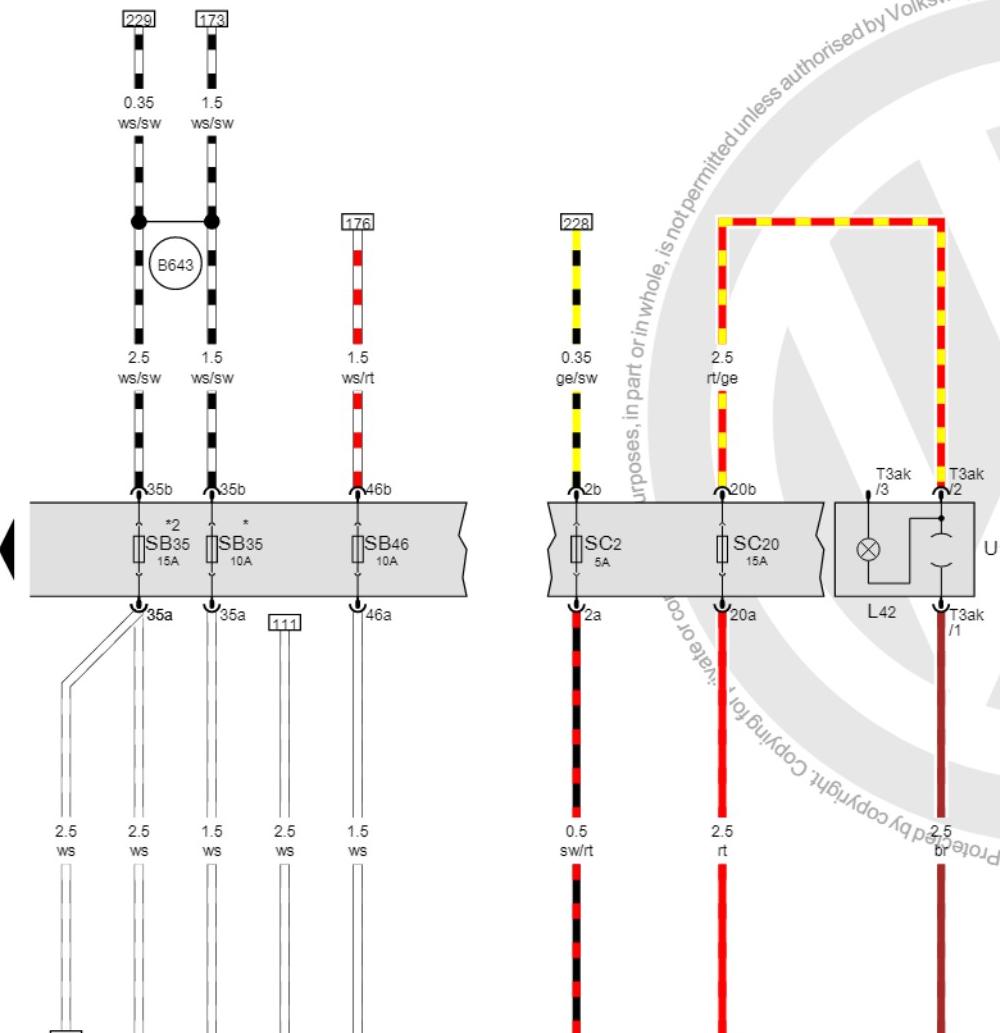
(B336) Connection 2 (54), in main wiring harness

(B456) Connection (56b), in main wiring harness

* Only models with multifunction steering wheel or driver and front passenger airbags

Socket illumination bulb, 12 V socket 2

- L42 Socket illumination bulb
 SC2 Fuse 2 on fuse holder C
 SC20 Fuse 20 on fuse holder C
 SB35 Fuse 35 on fuse holder B
 SB46 Fuse 46 on fuse holder B
 T3ak 3-pin connector
 U18 12 V socket 2
 B629 Connection (56a), in main wiring harness
 B643 Connection 2 (56a), in main wiring harness
 *
 *2 Up to May 2011
 From May 2011



ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

71 72 73 74 75 76 77 78 79 80 81 82 83 84

1573-0210705121

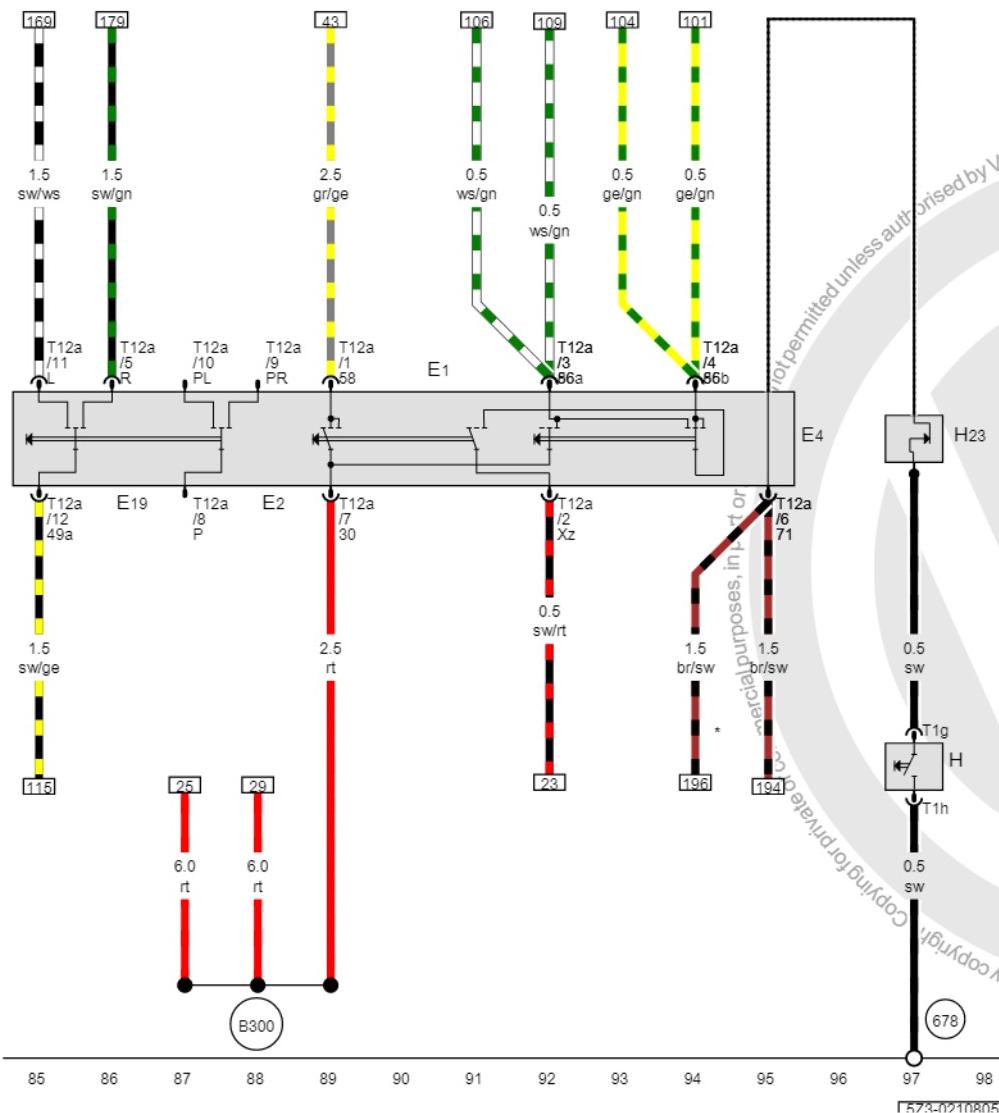
Light switch, Turn signal switch, Headlight dipper and flasher switch, Parking light switch, Horn plate, Horn activation contact ring

- E1 Light switch
 - E2 Turn signal switch
 - E4 Headlight dipper and flasher switch
 - E19** Parking light switch
 - H Horn plate
 - H23 Horn activation contact ring
 - T1g Single connector
 - T1h Single connector
 - T12a 12-pin connector

Earth point, on steering wheel

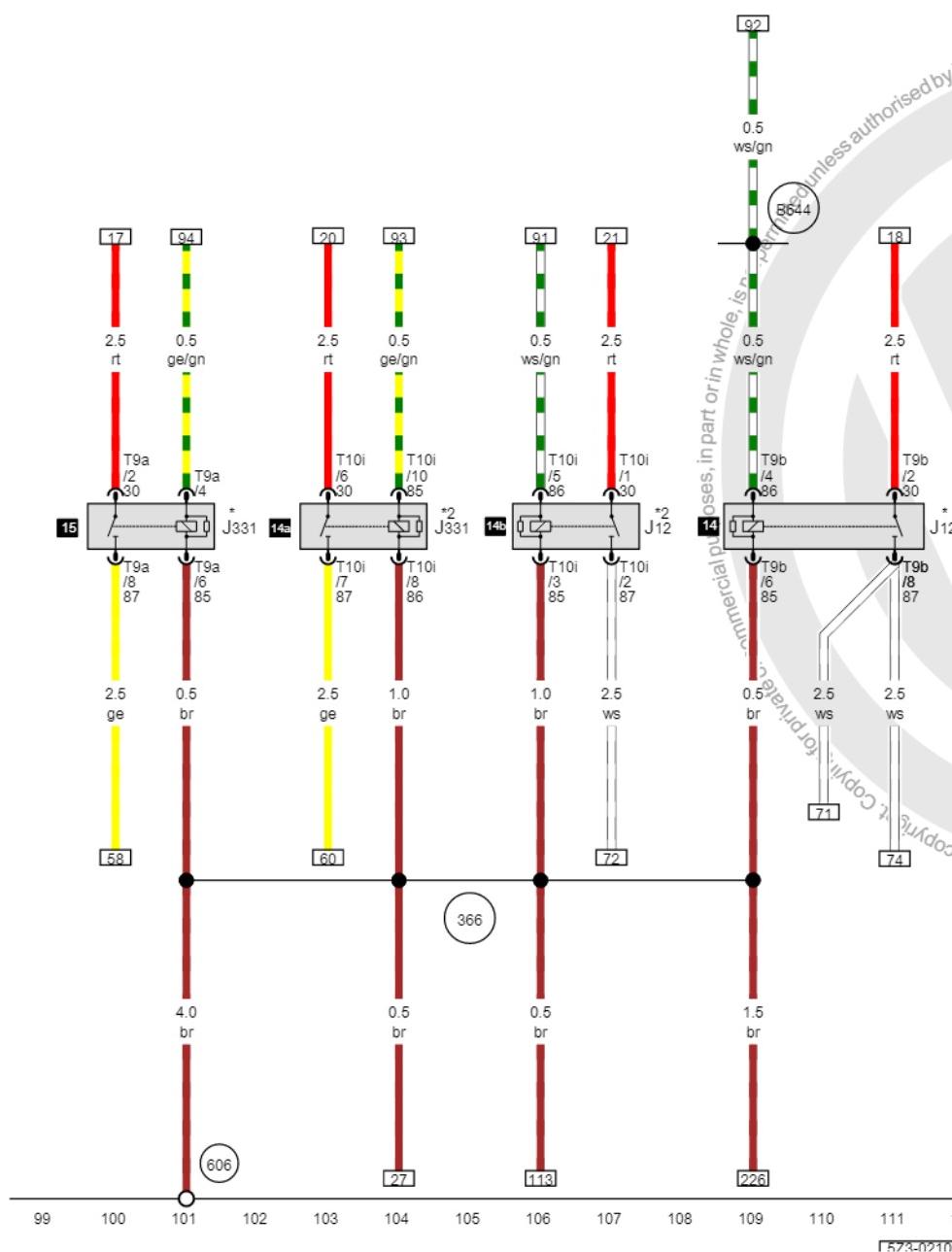
0 Positive connection 4 (30), in main wiring harness

Only models with multifunction steering wheel or driver and front passenger airbags



ws	= white
sw	= black
ro	= red
br	= brown
gn	= green
bl	= blue
gn	= grey
li	= purple
ge	= yellow
or	= orange
rs	= pink

Headlight main beam relay, Dipped beam relay



J12 Headlight main beam relay

J331 Dipped beam relay

T9a 9-pin connector

T9b 9-pin connector

T10i 10-pin connector

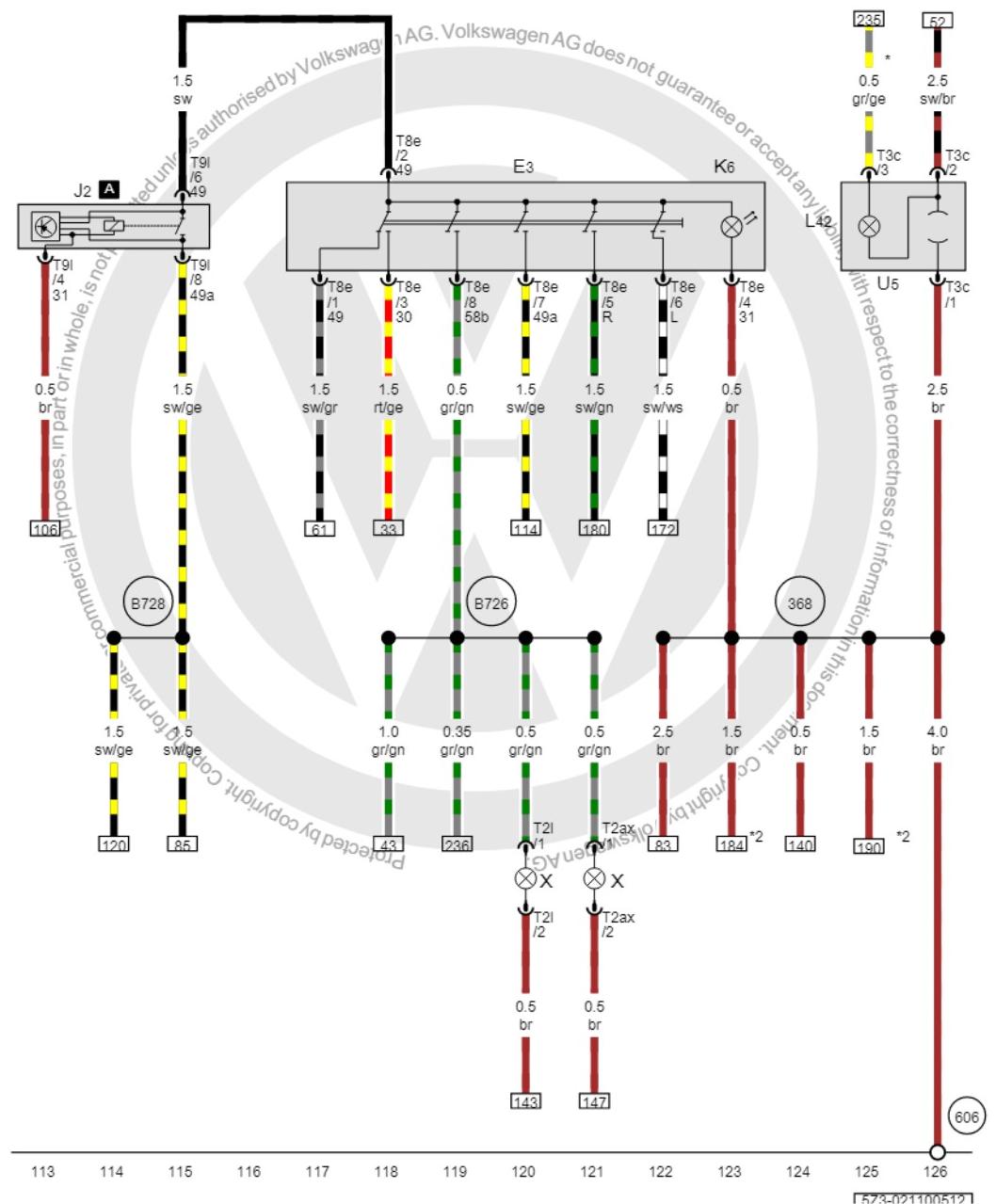
366 Earth connection 1, in main wiring harness

606 Earth point, under the centre console near gear stick

B644 Connection 3 (56a), in main wiring harness

*
*2
Up to October 2011
From October 2011

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

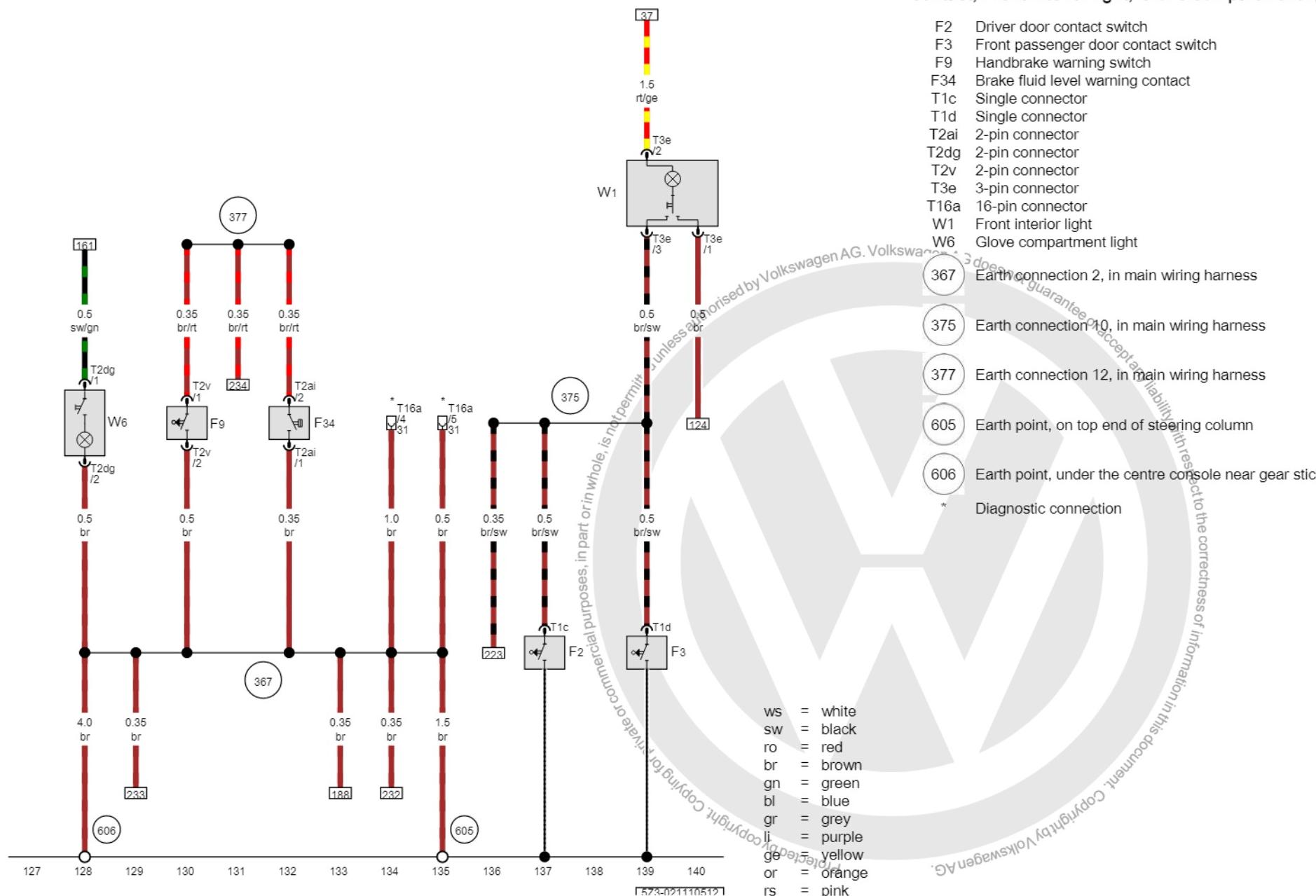


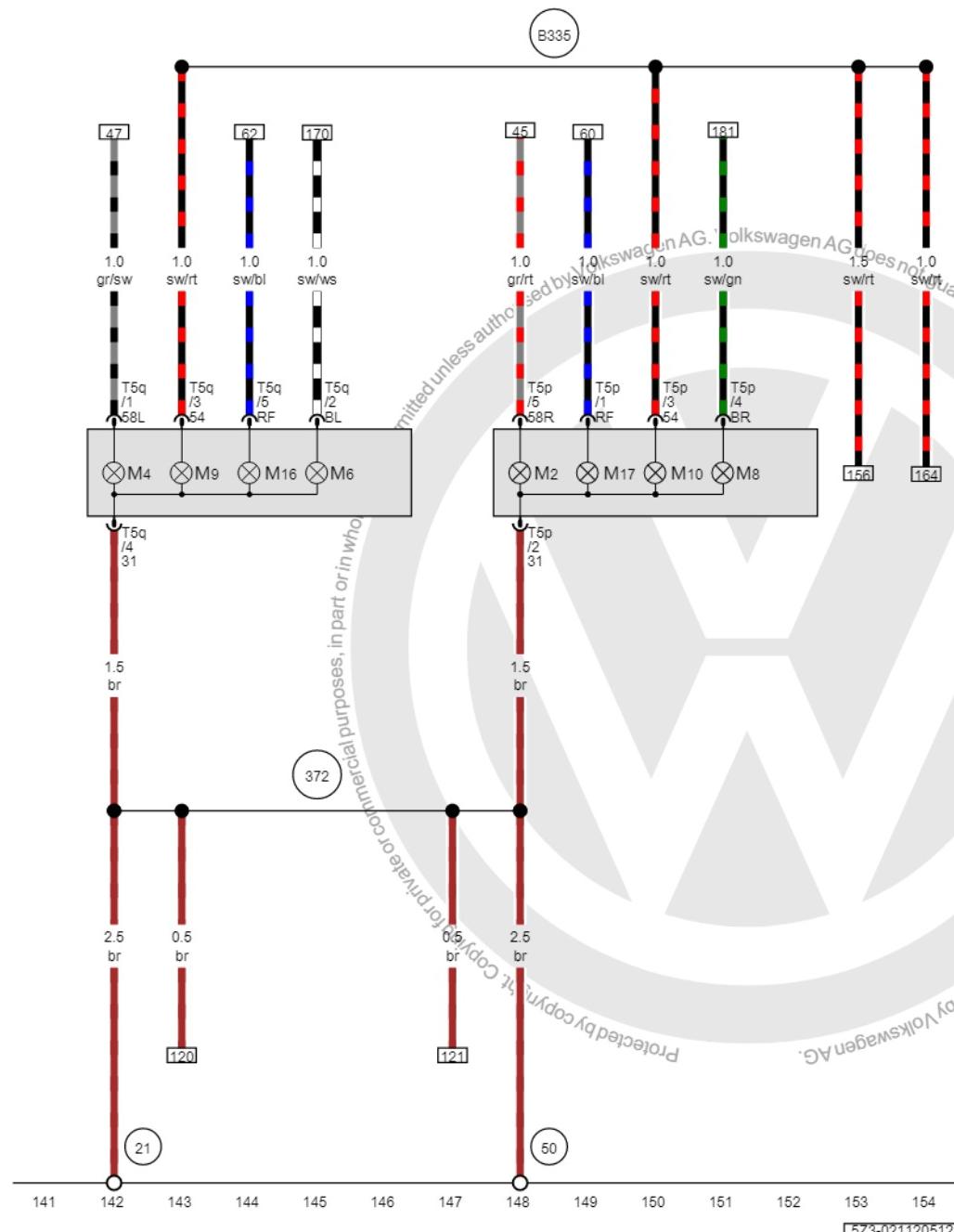
Hazard warning light switch, Hazard warning light relay,
Indicator lamp for hazard warning light, Socket illumination
bulb, 12 V socket, Number plate light

- E3 Hazard warning light switch
 J2 Hazard warning light relay
 K6 Indicator lamp for hazard warning light
 L42 Socket illumination bulb
 T2ax 2-pin connector
 T2l 2-pin connector
 T3c 3-pin connector
 T8e 8-pin connector
 T9l 9-pin connector
 U5 12 V socket
 X Number plate light
- (368) Earth connection 3, in main wiring harness
 (606) Earth point, under the centre console near gear stick
 (B726) Positive connection 2 (58), in main wiring harness
 (B728) Connection (49a), in main wiring harness
- * Only smoker version models
 *2 Only models with multifunction steering wheel or driver and front passenger airbags

ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

Driver door contact switch, Front passenger door contact switch, Handbrake warning switch, Brake fluid level warning contact, Front interior light, Glove compartment light



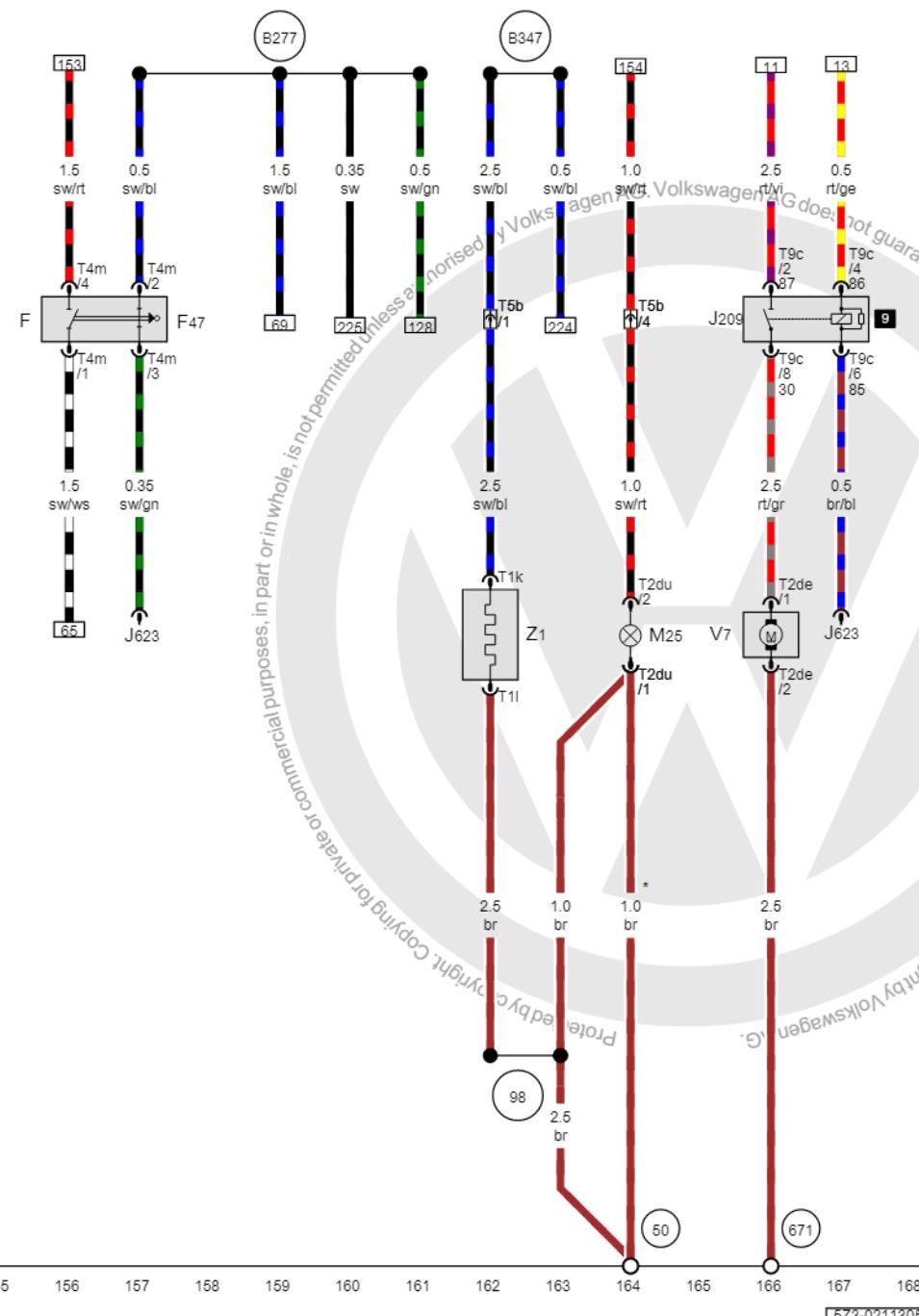


Right tail light bulb, Left tail light bulb, Rear left turn signal bulb, Rear right turn signal bulb, Left brake light bulb, Right brake light bulb, Left reversing light bulb, Right reversing light bulb

- M2 Right tail light bulb
- M4 Left tail light bulb
- M6 Rear left turn signal bulb
- M8 Rear right turn signal bulb
- M9 Left brake light bulb
- M10 Right brake light bulb
- M16 Left reversing light bulb
- M17 Right reversing light bulb
- T5p 5-pin connector
- T5q 5-pin connector

- 21 Earth point, near fuel pump
- 50 Earth point, on left in luggage compartment
- 372 Earth connection 7, in main wiring harness
- B335 Connection 1 (54), in main wiring harness

Legend:
 ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

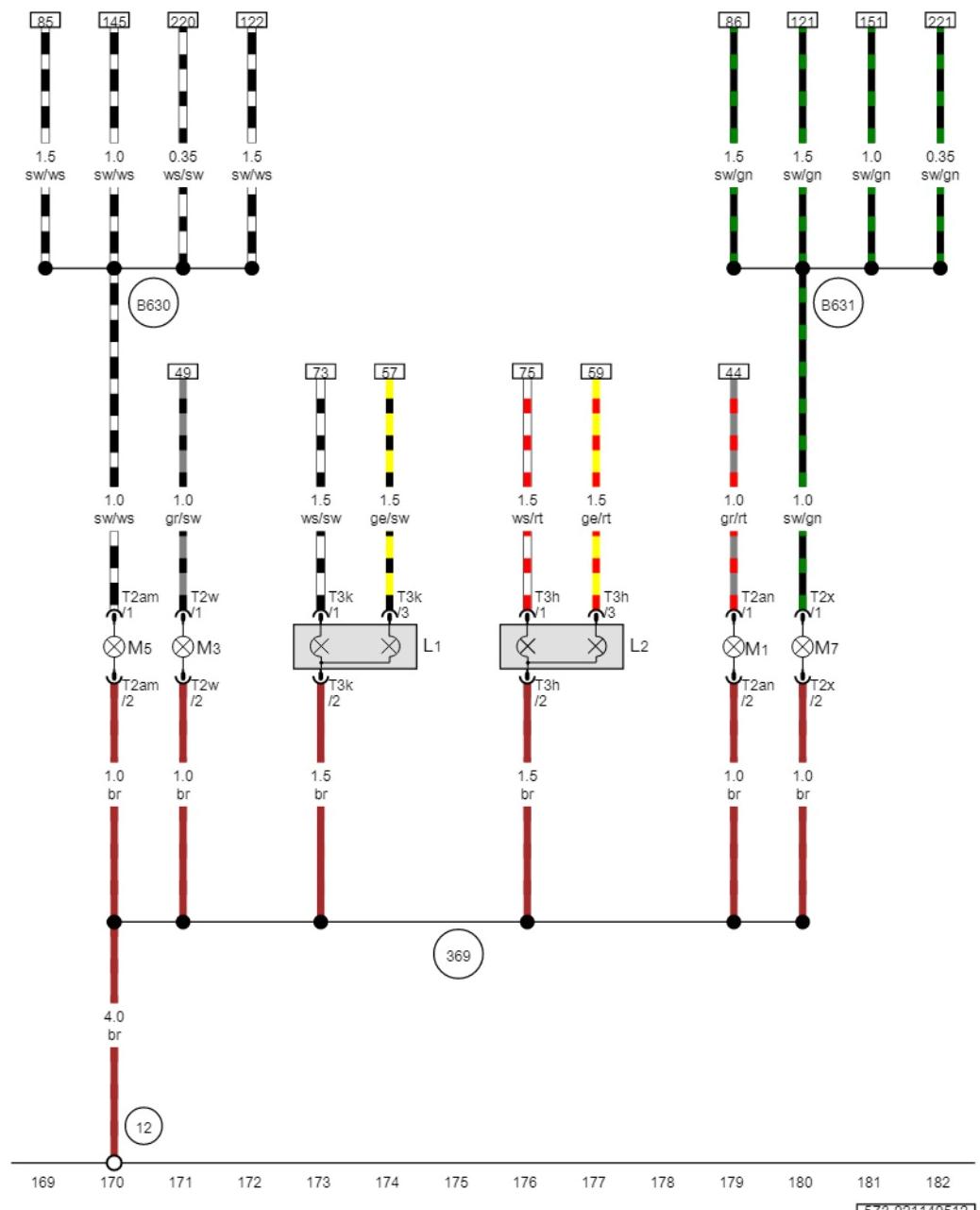


Brake light switch, Brake pedal switch, Fresh air blower and radiator fan relay, Additional brake light bulb, Radiator fan, Heated rear window

- | | |
|------|--|
| F | Brake light switch |
| F47 | Brake pedal switch |
| J209 | Fresh air blower and radiator fan relay |
| J623 | Engine control unit |
| M25 | Additional brake light bulb |
| T1k | Single connector |
| T1l | Single connector |
| T2de | 2-pin connector |
| T2du | 2-pin connector |
| T4m | 4-pin connector |
| T5b | 5-pin connector, behind rear left side trim, near wheel arch |
| T9c | 9-pin connector |
| V7 | Radiator fan |
| Z1 | Heated rear window |
| 50 | Earth point, on left in luggage compartment |
| 98 | Earth connection, in rear lid wiring harness |
| 671 | Earth point 1, on front of left longitudinal member |
| B277 | Positive connection 1 (15a) in main wiring harness |
| B347 | Connection 2 (75), in main wiring harness |

* Only models with no heated rear window

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

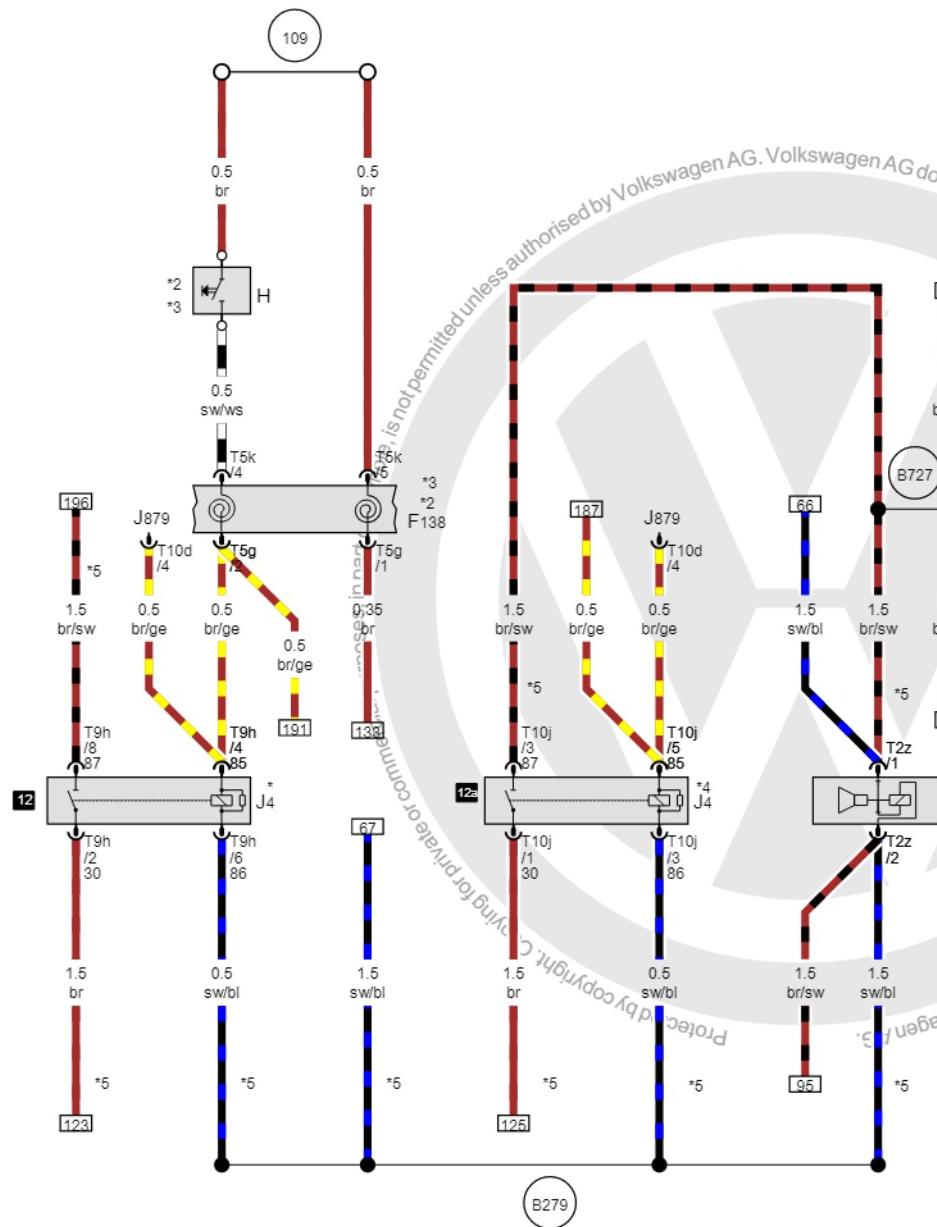


Left headlight twin filament bulb, Right headlight twin filament bulb, Left side light bulb, Right side light bulb, Front left turn signal bulb, Front right turn signal bulb

- | | |
|------|--|
| L1 | Left headlight twin filament bulb |
| L2 | Right headlight twin filament bulb |
| M1 | Left side light bulb |
| M3 | Right side light bulb |
| M5 | Front left turn signal bulb |
| M7 | Front right turn signal bulb |
| T2am | 2-pin connector |
| T2an | 2-pin connector |
| T2w | 2-pin connector |
| T2x | 2-pin connector |
| T3h | 3-pin connector |
| T3k | 3-pin connector |
| 12 | Earth point, on left in engine compartment |
| 369 | Earth connection 4, in main wiring harness |
| B630 | Positive connection (left turn signal bulb), in main wiring harness |
| B631 | Positive connection (right turn signal bulb), in main wiring harness |

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Protected by copyright. Copying or derivative works without written permission is illegal. This document is the property of Volkswagen AG. Not for sale or transfer. Not for guarantee or acceptance liability with respect to the correctness of information. This document is the property of Volkswagen AG. Not for sale or transfer. Not for guarantee or acceptance liability with respect to the correctness of information.



Airbag coil connector and return ring with slip ring, Horn plate, Horn or dual tone horn, Dual tone horn relay

F138 Airbag coil connector and return ring with slip ring

H Horn plate

H1 Horn or dual tone horn

J4 Dual tone horn relay

J879 Control unit for interactive system

T2z 2-pin connector

T5g 5-pin connector

T5k 5-pin connector

T9h 9-pin connector

T10d 10-pin connector

T10j 10-pin connector

109 Earth connection, in airbag wiring harness

B279 Positive connection 3 (15a) in main wiring harness

B727 Connection (71a), in main wiring harness

* Up to October 2011

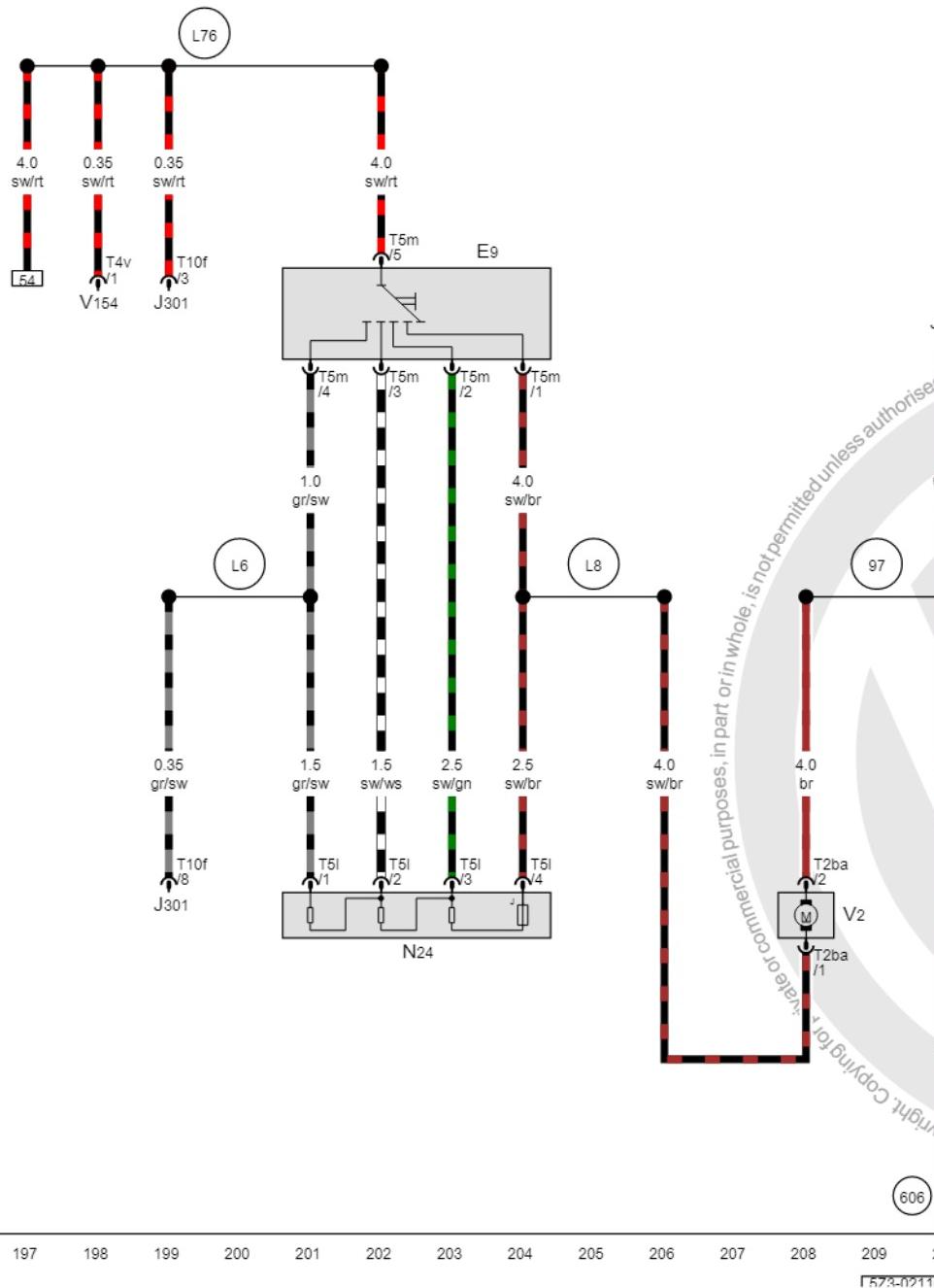
*2 Only models with driver and front passenger airbags

*3 Only models with detachable operating unit for radio

*4 From October 2011

*5 Only models with multifunction steering wheel or driver and front passenger airbags

ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink



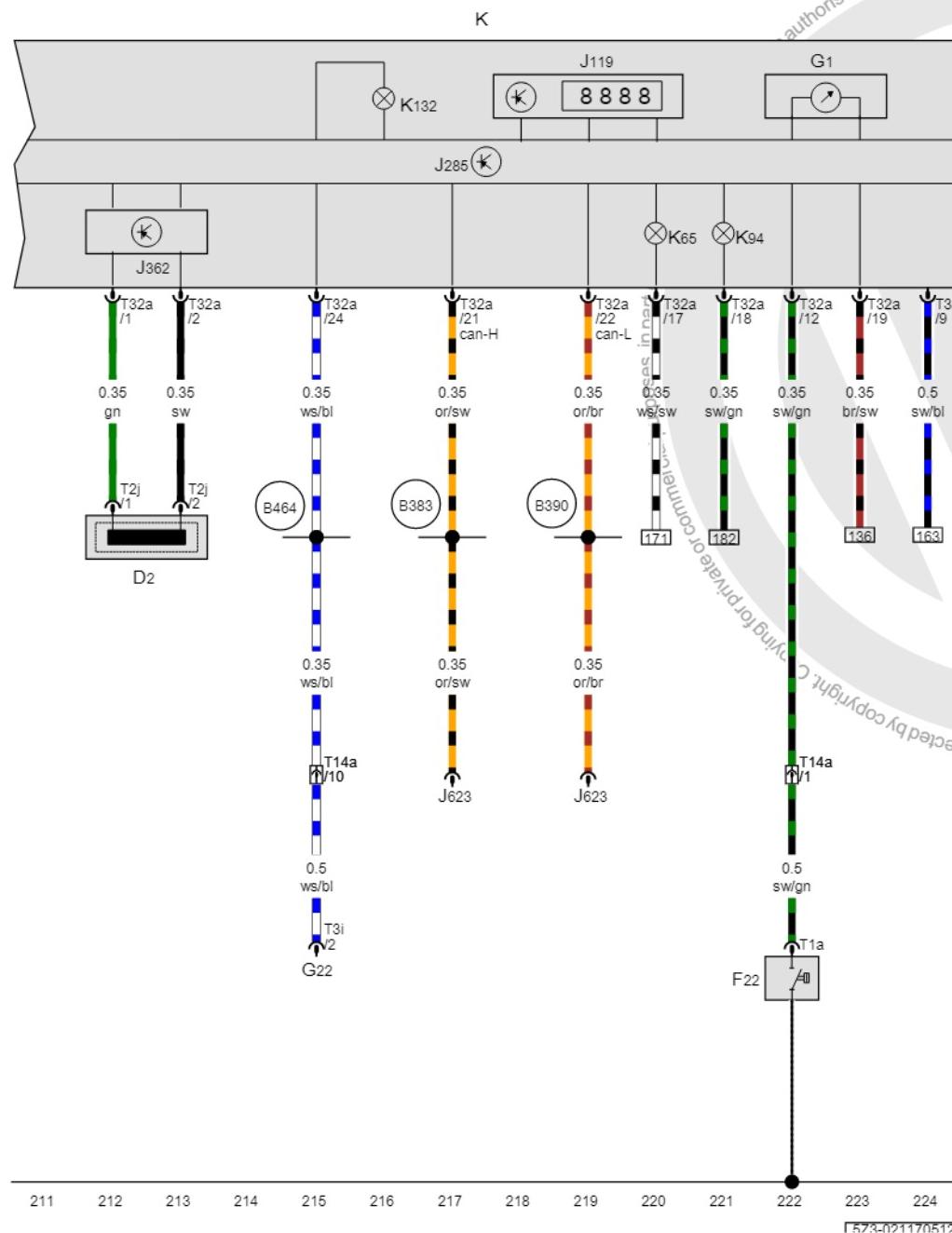
Fresh air blower switch, Fresh air blower series resistor with overheating fuse, Fresh air blower

- | | |
|------|--|
| E9 | Fresh air blower switch |
| J301 | Air conditioning system control unit |
| N24 | Fresh air blower series resistor with overheating fuse |
| T2ba | 2-pin connector |
| T4v | 4-pin connector |
| T5l | 5-pin connector |
| T5m | 5-pin connector |
| T8d | 8-pin connector, behind dash panel, centre |
| T10f | 10-pin connector |
| V2 | Fresh air blower |
| V154 | Fresh air and air recirculation flap control motor |

G
ot guarantee or acceptability with re

97	Earth connection 1, in air conditioning system wiring harness
606	Earth point, under the centre console near gear stick
L6	Connection 2, in evaporator housing unit wiring harness
L8	Connection 4, in evaporator housing unit wiring harness
L76	Connection (87), in air conditioning system wiring harness

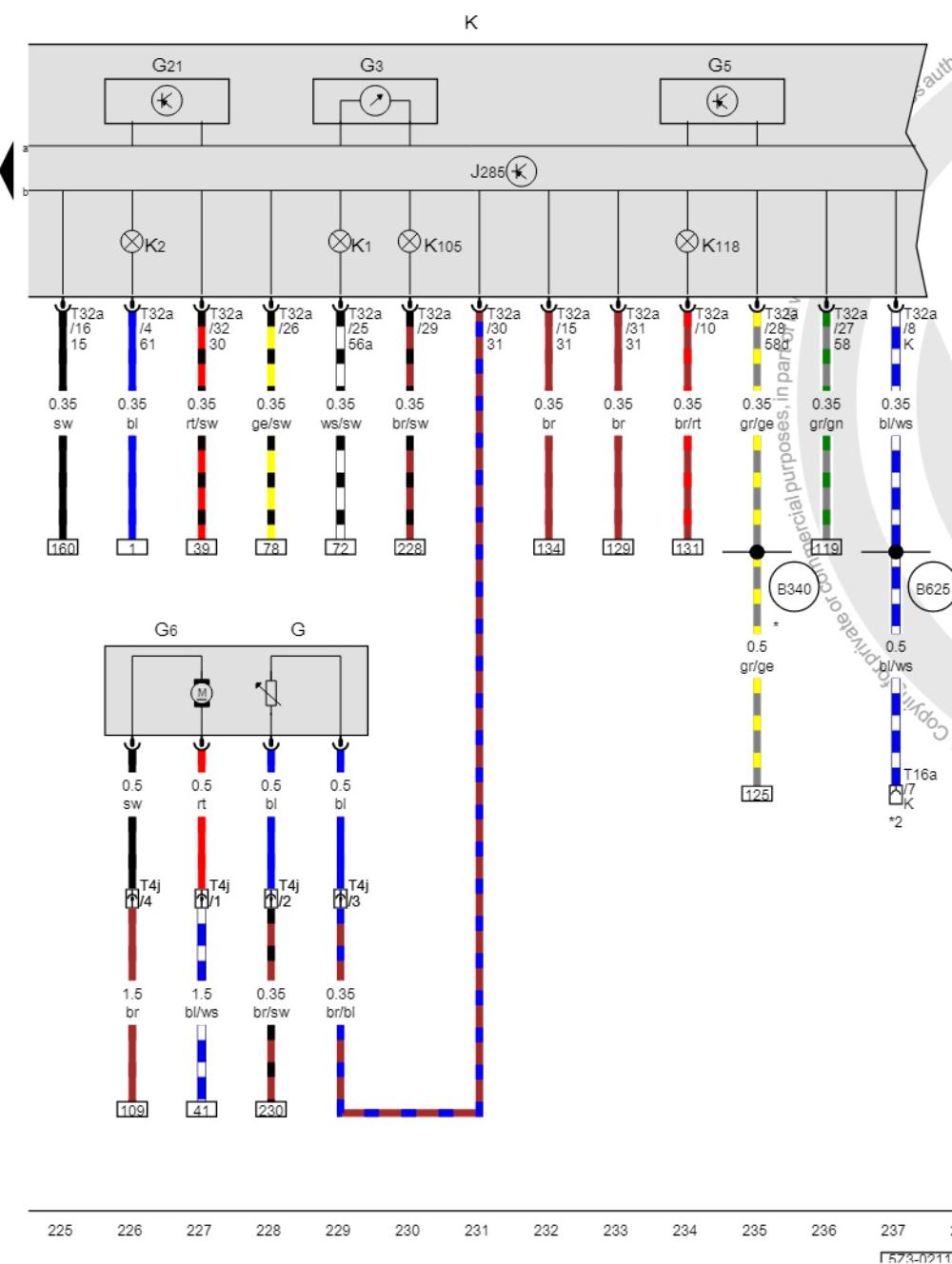
ws	= white
sw	= black
ro	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
ge	= yellow
or	= orange
rs	= pink



Immobiliser reader coil, Oil pressure switch, Fuel gauge, Multifunction indicator, Immobiliser control unit, Dash panel insert, Left turn signal warning lamp, Right turn signal warning lamp, Electronic power control fault lamp

- D2 Immobiliser reader coil
 F22 Oil pressure switch
 G1 Fuel gauge
 G22 Speedometer sender
 J119 Multifunction indicator
 J285 Control unit in dash panel insert
 J362 Immobiliser control unit
 J623 Engine control unit
 K Dash panel insert
 K65 Left turn signal warning lamp
 K94 Right turn signal warning lamp
 K132 Electronic power control fault lamp
 T1a Single connector
 T2j 2-pin connector
 T3i 3-pin connector
 T14a 14-pin connector, on left in engine compartment
 T32a 32-pin connector
 B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
 B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
 B464 Connection (speed signal), in main wiring harness

ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink



Fuel gauge sender, Coolant temperature gauge, Rev. counter, Fuel system pressurisation pump, Speedometer, Control unit in dash panel insert, Dash panel insert, Main beam warning lamp, Alternator warning lamp, Reserve fuel warning lamp, Brake system warning lamp

- G Fuel gauge sender
- G3 Coolant temperature gauge
- G5 Rev. counter
- G6 Fuel system pressurisation pump
- G21 Speedometer
- J285 Control unit in dash panel insert
- K Dash panel insert
- K1 Main beam warning lamp
- K2 Alternator warning lamp
- K105 Reserve fuel warning lamp
- K118 Brake system warning lamp
- T4j 4-pin connector
- T16a 16-pin connector
- T32a 32-pin connector
- (B340) Connection 1 (58d), in main wiring harness
- (B625) Connection (K-diagnosis wire), in main wiring harness
- *
*2 Only smoker version models
Diagnostic connection

ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

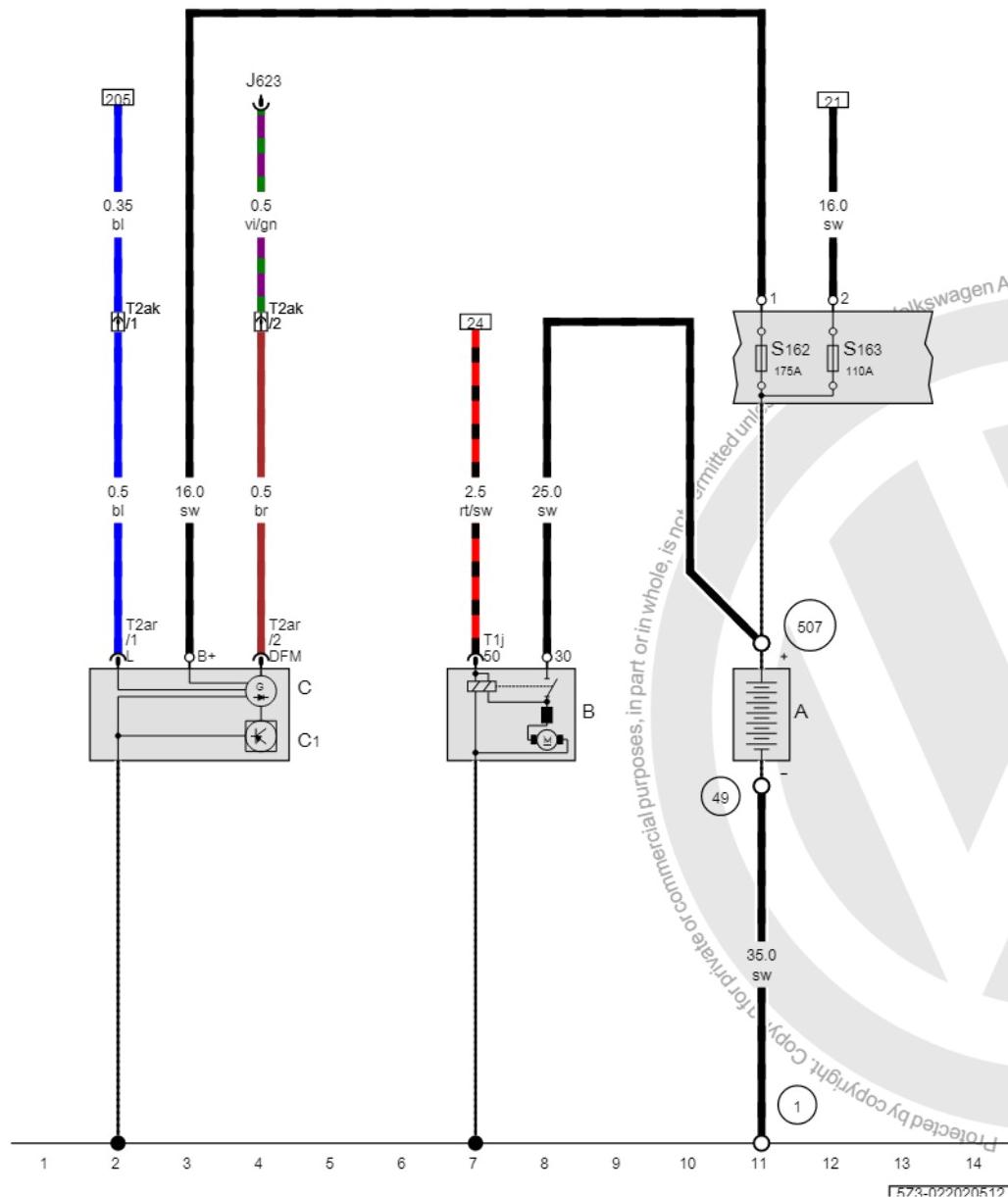
Coming home/leaving home function without rain sensor

From November 2010



Battery, Starter, Alternator, Voltage regulator

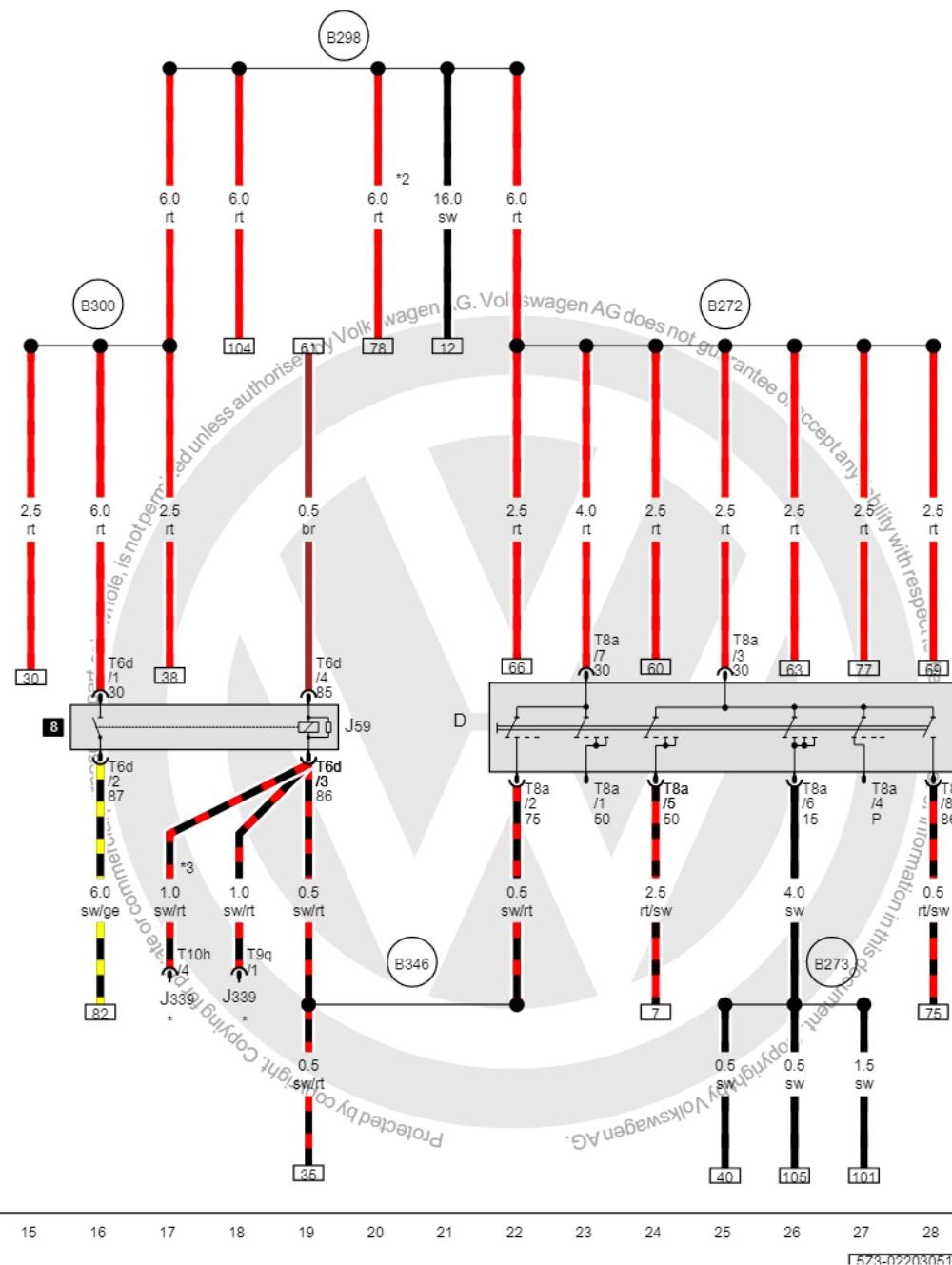
A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J623	Engine control unit
S162	Fuse 1 (30), in battery fuse holder
S163	Fuse 2 (30), in battery fuse holder
T1j	Single connector
T2ak	2-pin connector, in engine compartment
T2ar	2-pin connector
1	Earth strap, battery - body
49	Earth point, near ..., near battery
507	Threaded connection (30), on battery fuse holder



ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

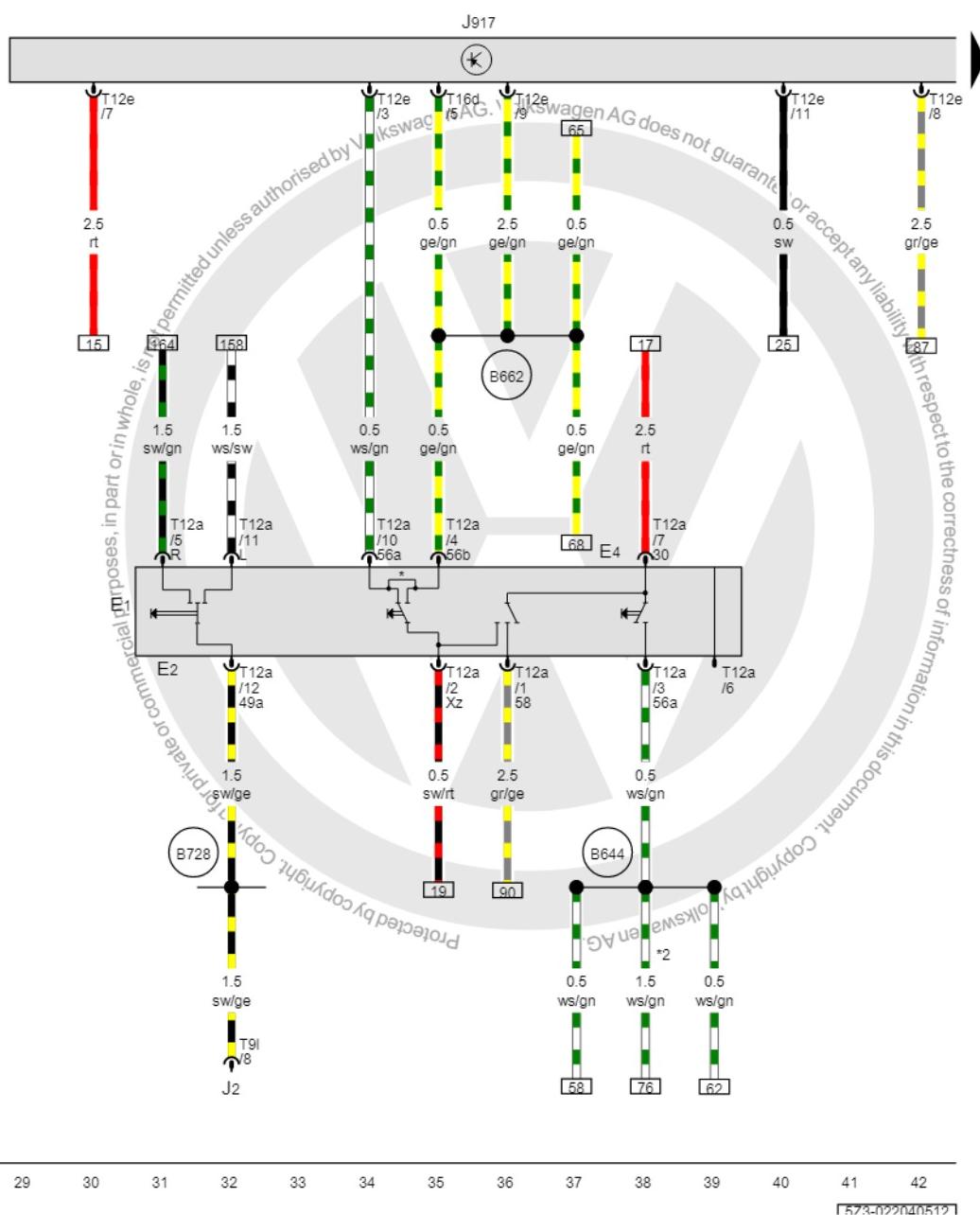
Ignition/starter switch, X-contact relief relay

- D Ignition/starter switch
 J59 X-contact relief relay
 J339 X contact relief relay 2
 T6d 6-pin connector
 T8a 8-pin connector
 T9q 9-pin connector
 T10h 10-pin connector
- (B272) Positive connection (30), in main wiring harness
- (B273) Positive connection (15), in main wiring harness
- (B298) Positive connection 2 (30), in main wiring harness
- (B300) Positive connection 4 (30), in main wiring harness
- (B346) Connection 1 (75), in main wiring harness
- * Only models with automated manual gearbox
 *2 Only models with central locking
 *3 From October 2011



ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

Light switch, Turn signal switch, Headlight dipper and flasher switch, Control unit for lighting and wiper functions



- E1 Light switch
- E2 Turn signal switch
- E4 Headlight dipper and flasher switch
- J2 Hazard warning light relay
- J917 Control unit for lighting and wiper functions
- T91 9-pin connector
- T12a 12-pin connector
- T12e 12-pin connector
- T16d 16-pin connector

(B644) Connection 3 (56a), in main wiring harness

(B662) Connection 2 (56b), in main wiring harness

(B728) Connection (49a), in main wiring harness

* Only models with dual headlights

*2 Only CROSS models

Legend for wire colors:

ws	= white
sw	= black
ro	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
ge	= yellow
or	= orange
rs	= pink

Control unit for lighting and wiper functions, Number plate light

J393 Convenience system central control unit

J917 Control unit for lighting and wiper functions

T2ax 2-pin connector

T2l 2-pin connector

T12b 12-pin connector

T12e 12-pin connector

T16a 16-pin connector

T16d 16-pin connector

X Number plate light

368 Earth connection 3, in main wiring harness

606 Earth point, under the centre console near gear stick

B465 Connection 1, in main wiring harness

B625 Connection (K-diagnosis wire), in main wiring harness

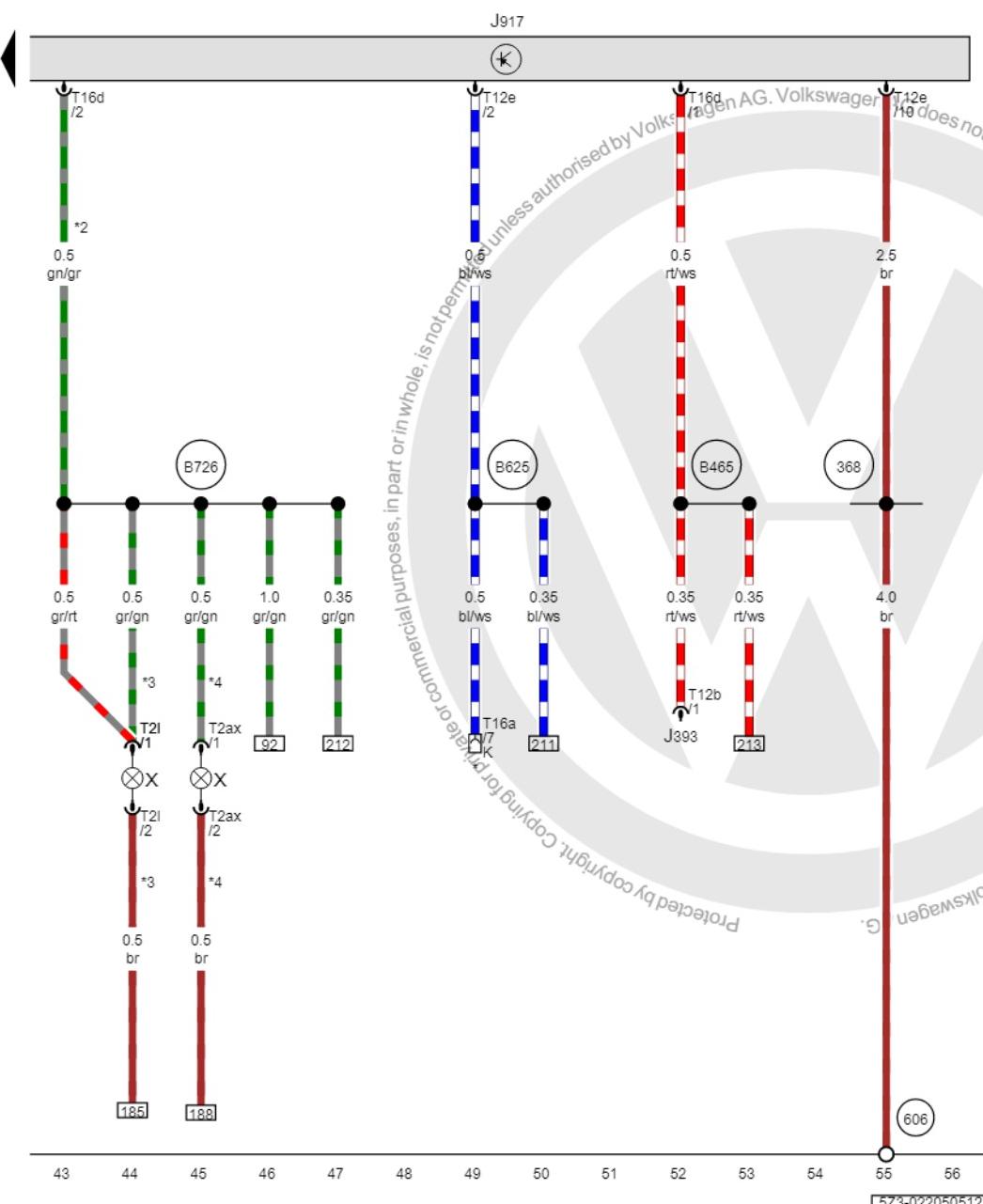
B726 Positive connection 2 (58), in main wiring harness

* Diagnostic connection

*2 Only models with rain and light sensor

*3 Only models with 4-doors

*4 Only CROSS models



ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

Headlight main beam relay, Dipped beam relay

J12 Headlight main beam relay

J331 Dipped beam relay

T9a 9-pin connector

T9b 9-pin connector

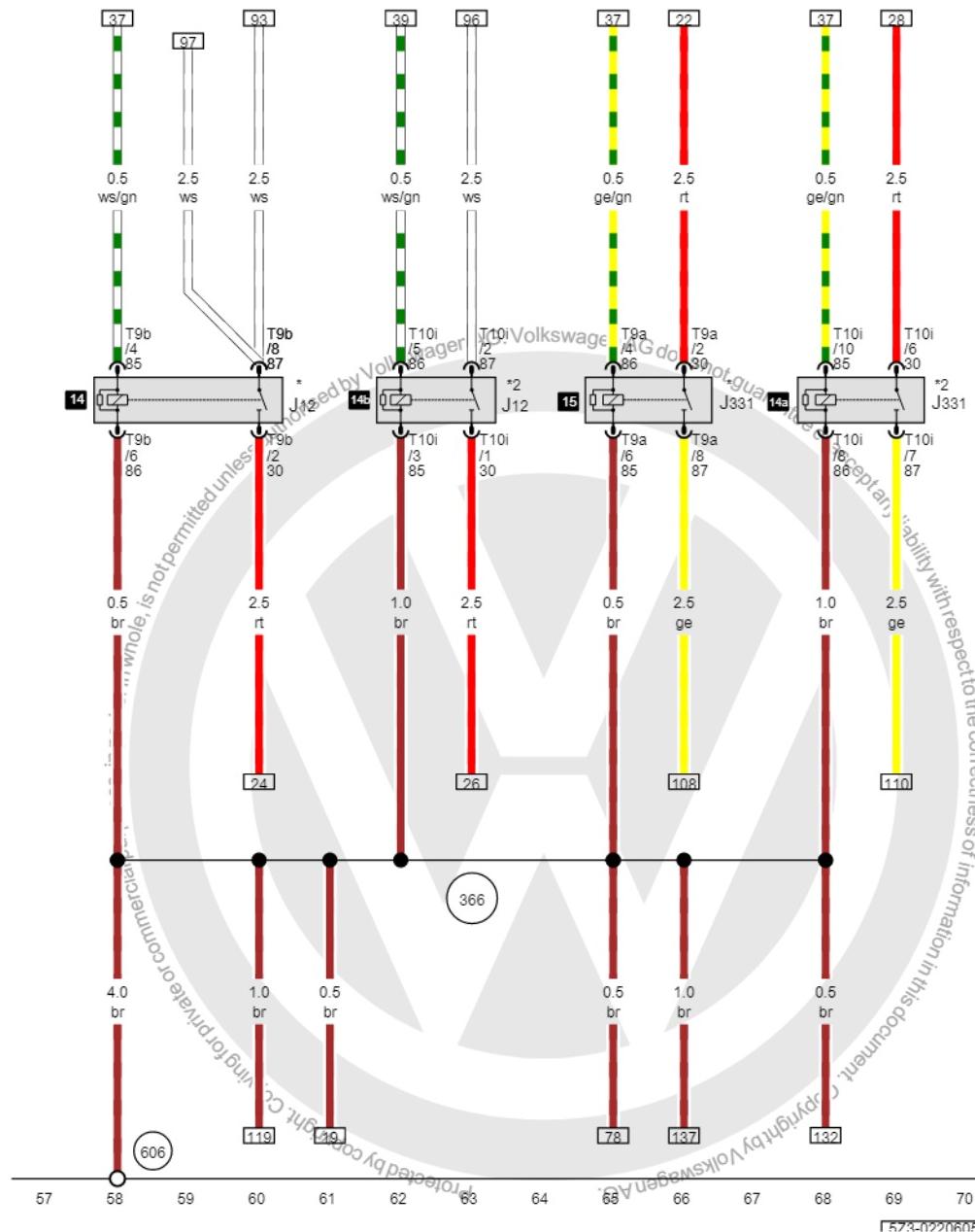
T10i 10-pin connector

366 Earth connection 1, in main wiring harness

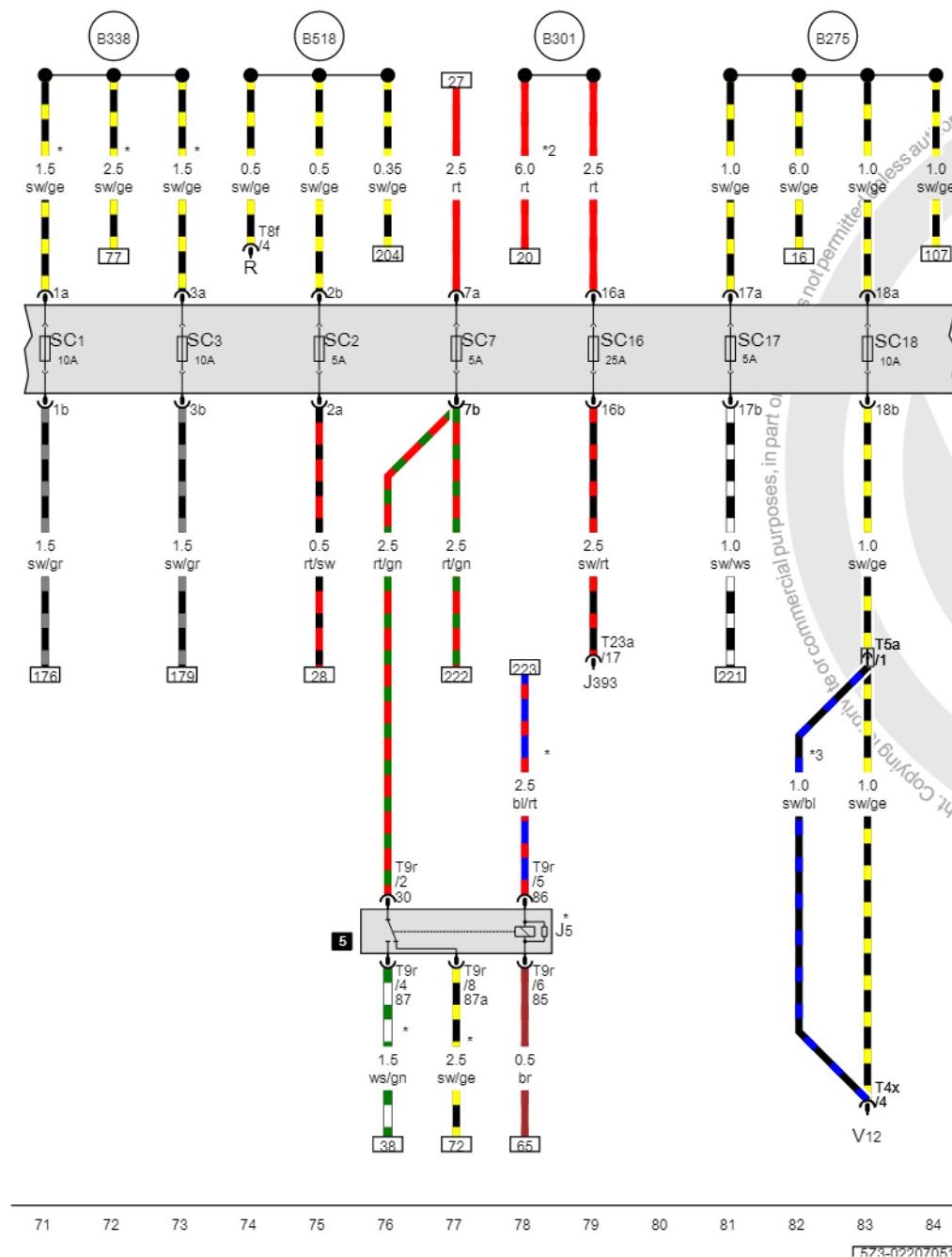
606 Earth point, under the centre console near gear stick

* Up to October 2011

*2 From October 2011



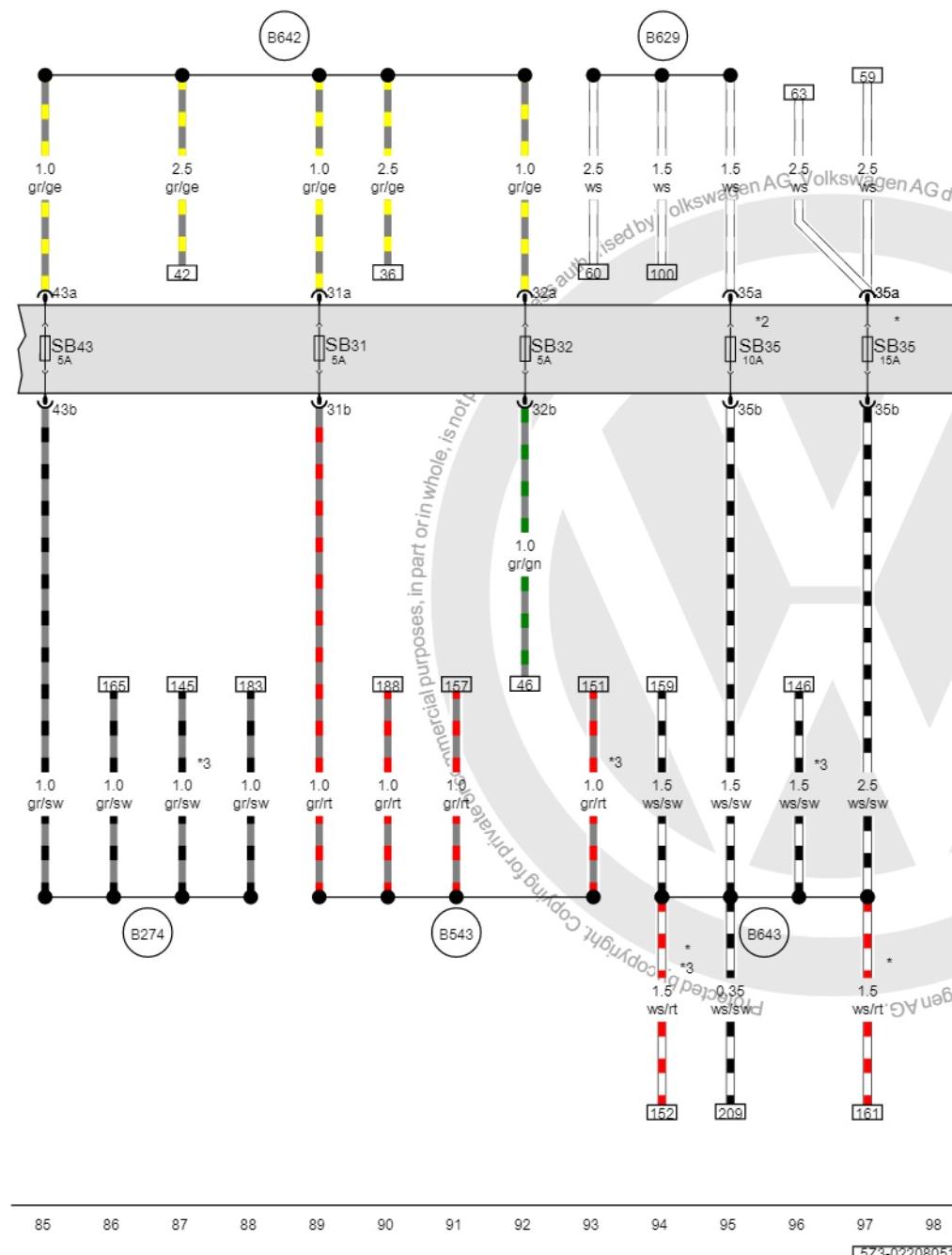
ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink



Fog light relay, Fuse 1 on fuse holder C, Fuse 2 on fuse holder C, Fuse 3 on fuse holder C, Fuse 7 on fuse holder C, Fuse 16 on fuse holder C, Fuse 17 on fuse holder C, Fuse 18 on fuse holder C

- J5 Fog light relay
 - J393 Convenience system central control unit
 - R Radio
 - SC1 Fuse 1 on fuse holder C
 - SC2 Fuse 2 on fuse holder C
 - SC3 Fuse 3 on fuse holder C
 - SC7 Fuse 7 on fuse holder C
 - SC16 Fuse 16 on fuse holder C
 - SC17 Fuse 17 on fuse holder C
 - SC18 Fuse 18 on fuse holder C
 - T4x 4-pin connector
 - T5a 5-pin connector
 - T5r 8-pin connector
 - T9r 9-pin connector
 - T23a 23-pin connector
 - V12 Rear window wiper motor
 - B275 Positive connection (87), in main wiring harness
 - B301 Positive connection 5 (30), in main wiring harness
 - B338 Connection 1 (56), in main wiring harness
 - B518 Connection (86s), in main wiring harness
- * Only CROSS models
 *2 Only models with central locking
 *3 Only models with 4-doors

ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink



Fuse 31 on fuse holder B, Fuse 32 on fuse holder B, Fuse 35 on fuse holder B, Fuse 43 on fuse holder B

SB31 Fuse 31 on fuse holder B

SB32 Fuse 32 on fuse holder B

SB35 Fuse 35 on fuse holder B

SB43 Fuse 43 on fuse holder B

B274 Positive connection (58L), in main wiring harness

B543 Positive connection (58R), in main wiring harness

B629 Connection (56a), in main wiring harness

B642 Positive connection (58), in main wiring harness

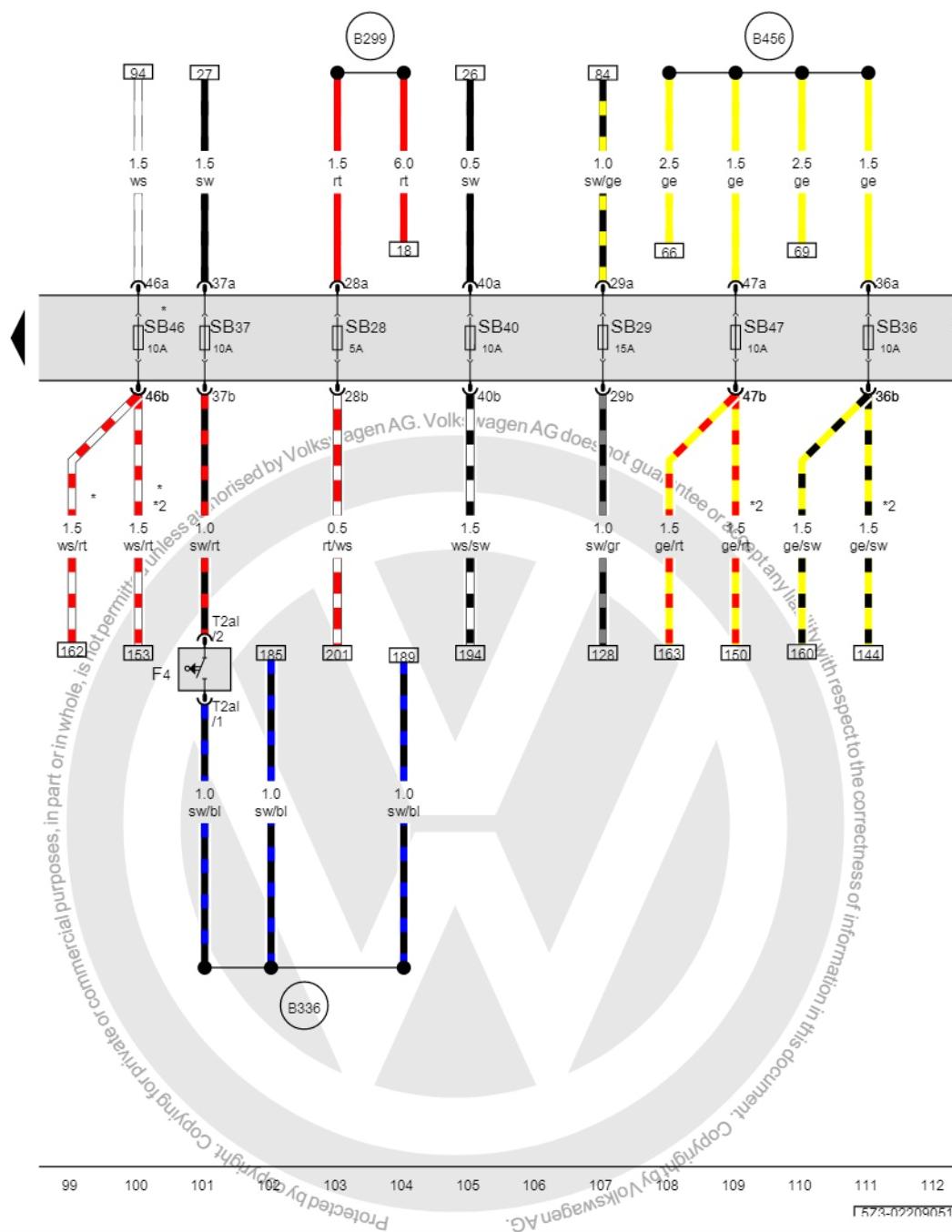
B643 Connection 2 (56a), in main wiring harness

* From May 2011

*2 Up to May 2011

*3 Only models with dual headlights

ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink



Reversing light switch

- F4 Reversing light switch
 - SB28 Fuse 28 on fuse holder B
 - SB29 Fuse 29 on fuse holder B
 - SB36 Fuse 36 on fuse holder B
 - SB37 Fuse 37 on fuse holder B
 - SB40 Fuse 40 on fuse holder B
 - SB46 Fuse 46 on fuse holder B
 - SB47 Fuse 47 on fuse holder B
 - T2al 2-pin connector

(B299) Positive connection 3 (30), in main wiring harness

(B336) Connection 2 (54), in main wiring harness

(B456) Connection (56b), in main wiring harness

* Up to May 2011

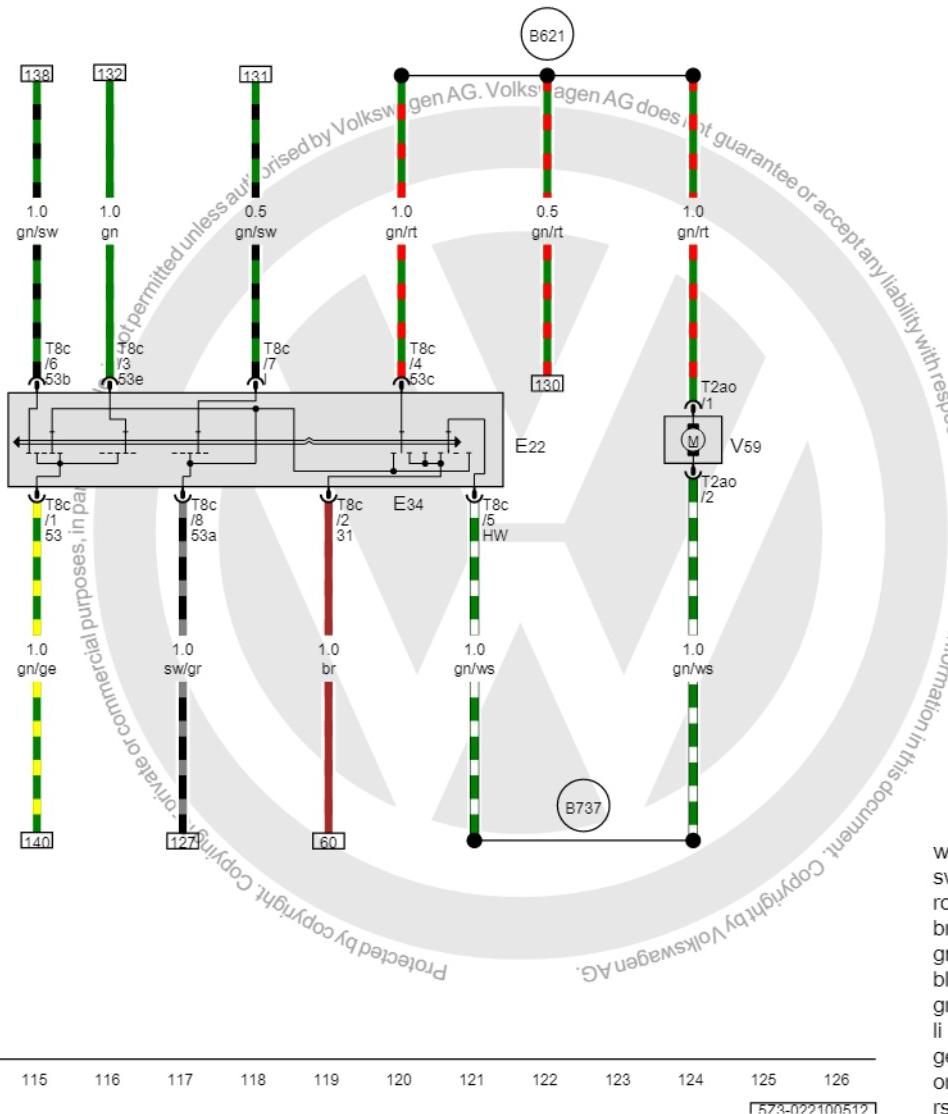
*2 Only models with dual headlights

* Up to May 2011
*2 Only models with dual headlights

ws	= white
sw	= black
ro	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
ge	= yellow
or	= orange
rs	= pink

Intermittent wiper switch, Rear wiper switch, Windscreen and rear window washer pump

- E22 Intermittent wiper switch
- E34 Rear wiper switch
- T2ao 2-pin connector
- T8c 8-pin connector
- V59 Windscreen and rear window washer pump
- (B621) Connection 1 (53c), in main wiring harness
- (B737) Connection 2 (53c), in main wiring harness



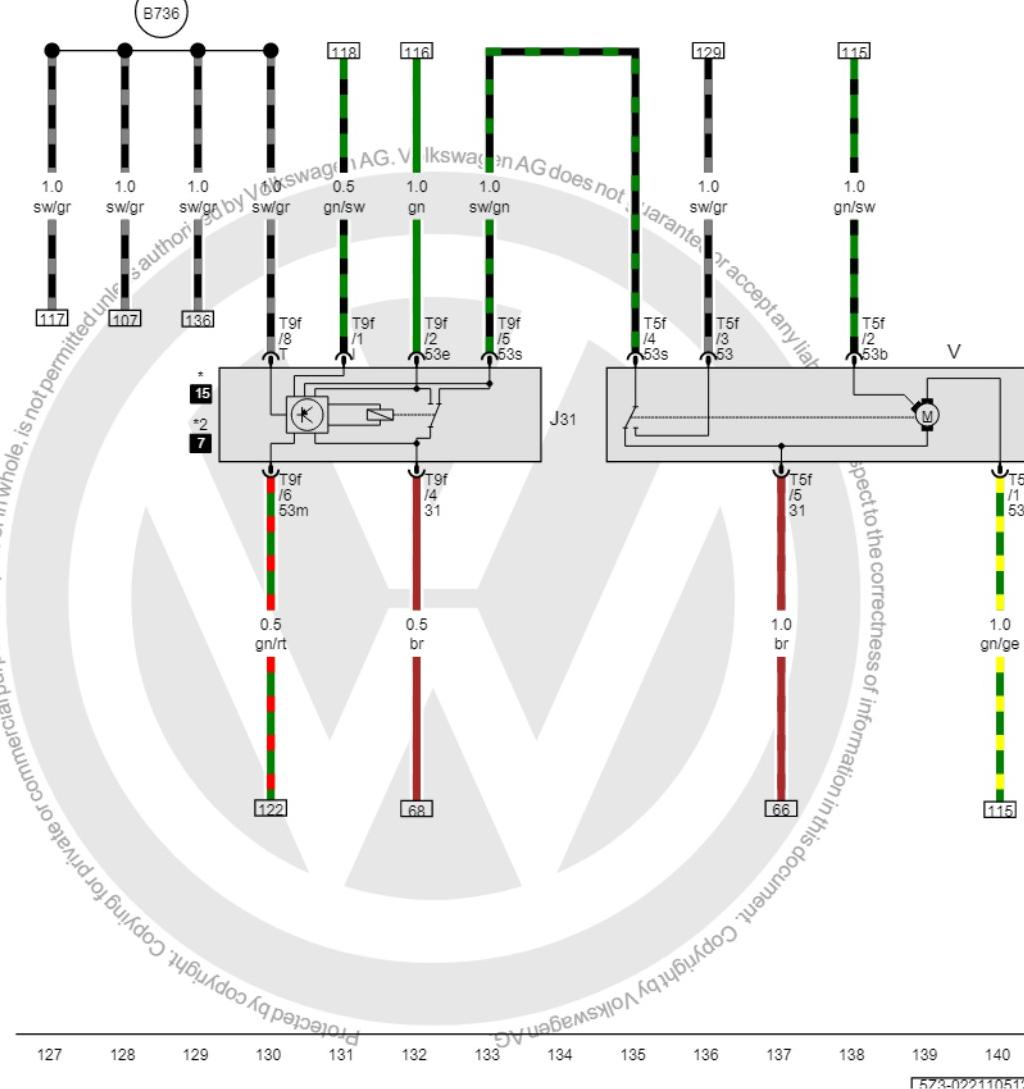
ws	= white
sw	= black
ro	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
ge	= yellow
or	= orange
rs	= pink

Automatic intermittent wash and wipe relay, Windscreen wiper motor

J31 Automatic intermittent wash and wipe relay
 T5f 5-pin connector
 T9f 9-pin connector
 V Windscreen wiper motor

B736 Positive connection (53a), in main wiring harness

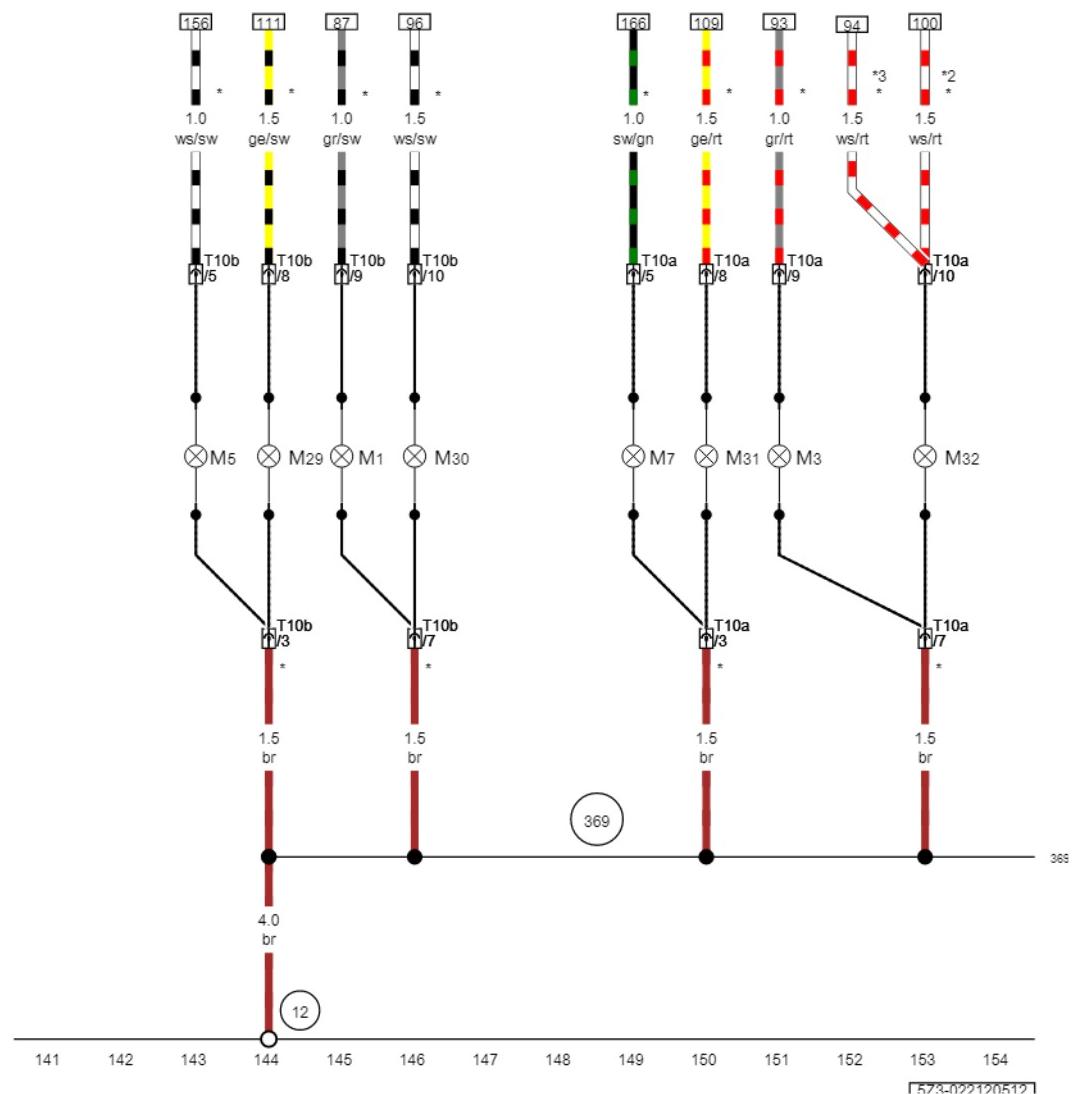
* From October 2011
 *2 Up to October 2011



ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

Left side light bulb, Right side light bulb, Front left turn signal bulb, Front right turn signal bulb, Left headlight dipped beam bulb, Left headlight main beam bulb, Right headlight dipped beam bulb, Right headlight main beam bulb

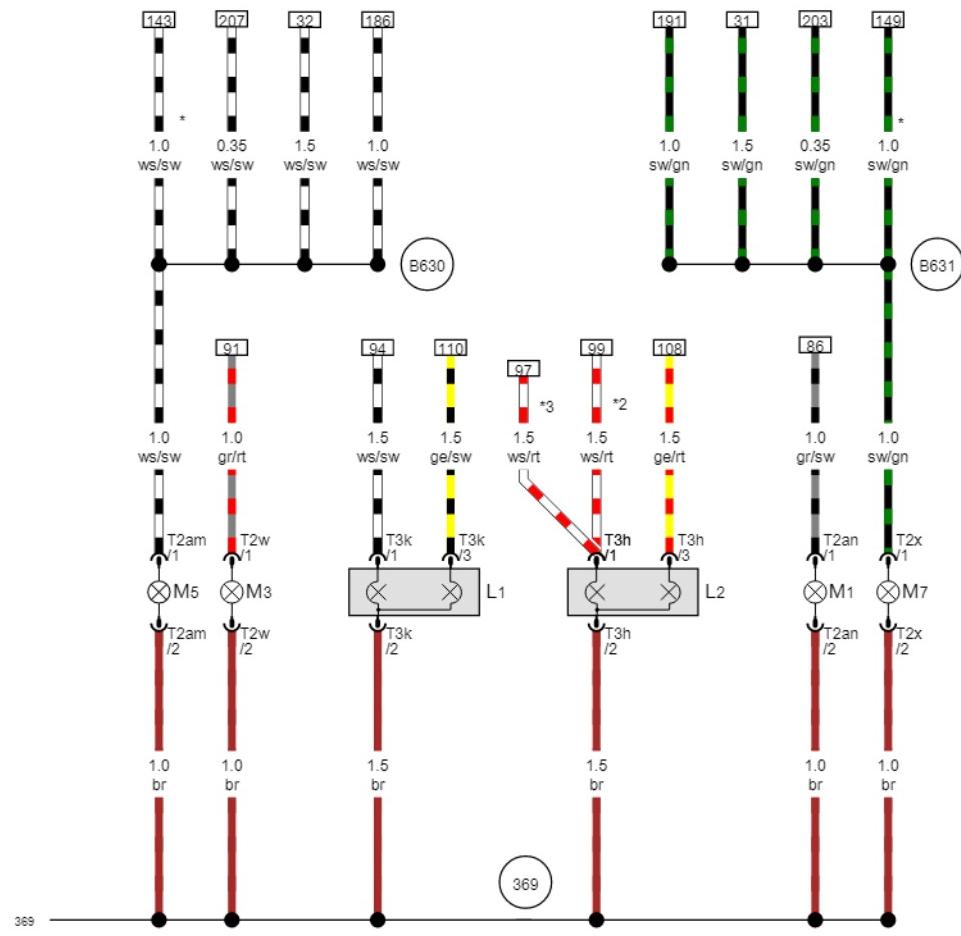
- M1 Left side light bulb
- M3 Right side light bulb
- M5 Front left turn signal bulb
- M7 Front right turn signal bulb
- M29 Left headlight dipped beam bulb
- M30 Left headlight main beam bulb
- M31 Right headlight dipped beam bulb
- M32 Right headlight main beam bulb
- T10a 10-pin connector
- T10b 10-pin connector
- 12 Earth point, on left in engine compartment
- 369 Earth connection 4, in main wiring harness
- * Only models with dual headlights
- *2 Up to May 2011
- *3 From May 2011



Protected by copyright. Copying or prevalence of commercial purposes, in part or in whole, is not permitted unless authorized by Volkswagen AG.

Left headlight twin filament bulb, Right headlight twin filament bulb, Left side light bulb, Right side light bulb, Front left turn signal bulb, Front right turn signal bulb

- L1 Left headlight twin filament bulb
 - L2 Right headlight twin filament bulb
 - M1 Left side light bulb
 - M3 Right side light bulb
 - M5 Front left turn signal bulb
 - M7 Front right turn signal bulb
 - T2am 2-pin connector
 - T2an 2-pin connector
 - T2w 2-pin connector
 - T2x 2-pin connector
 - T3h 3-pin connector
 - T3k 3-pin connector
 - 369 Earth connection 4, in main wiring harness
 - B630 Positive connection (left turn signal bulb), in main wiring harness
 - B631 Positive connection (right turn signal bulb), in main wiring harness
- * Only models with dual headlights
 *2 Up to May 2011
 *3 From May 2011



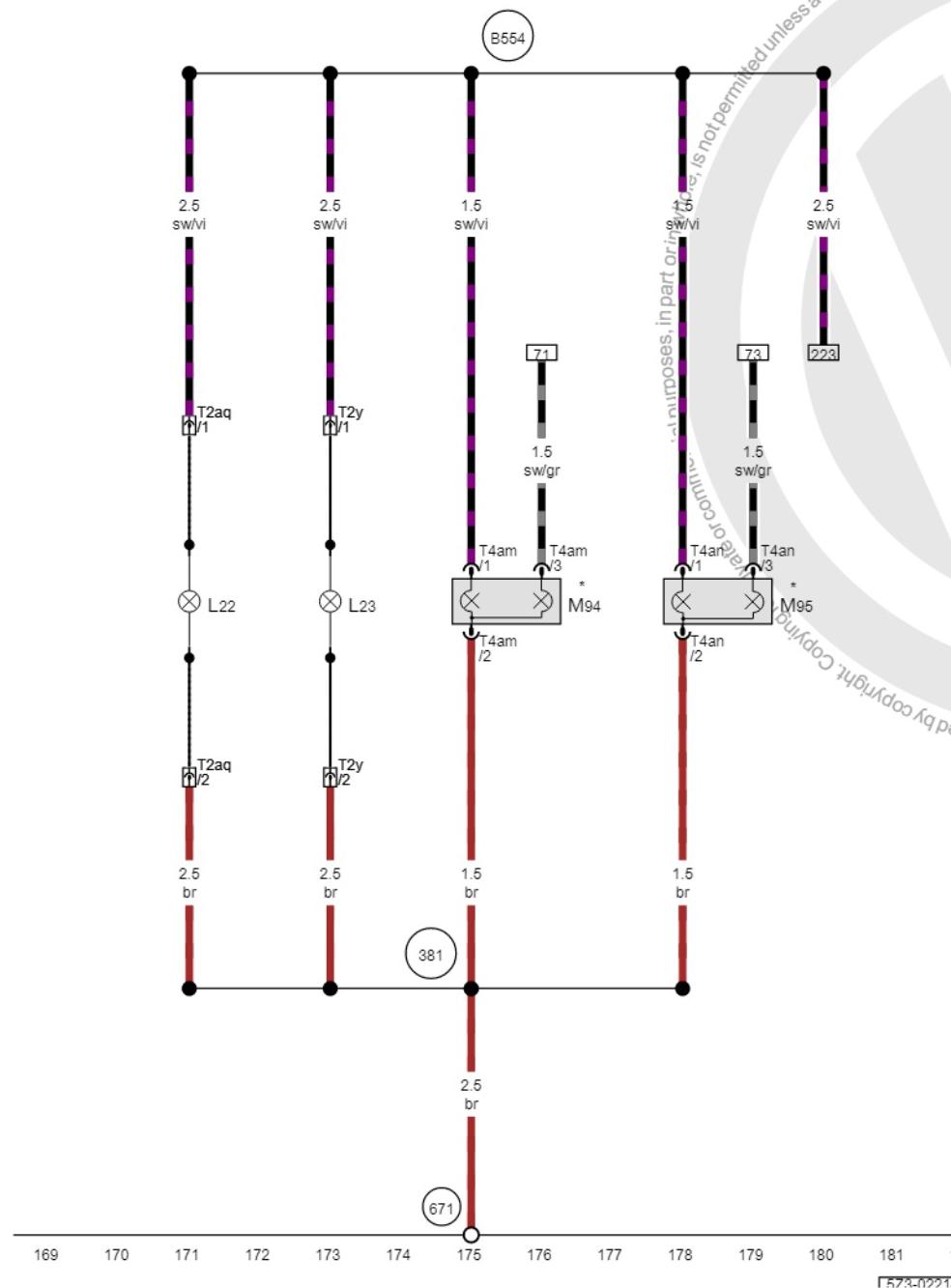
ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

155 156 157 158 159 160 161 162 163 164 165 166 167 168

F573-0221305121

Left fog light bulb, Right fog light bulb, Left main beam headlight and fog light bulb, Right main beam headlight and fog light bulb

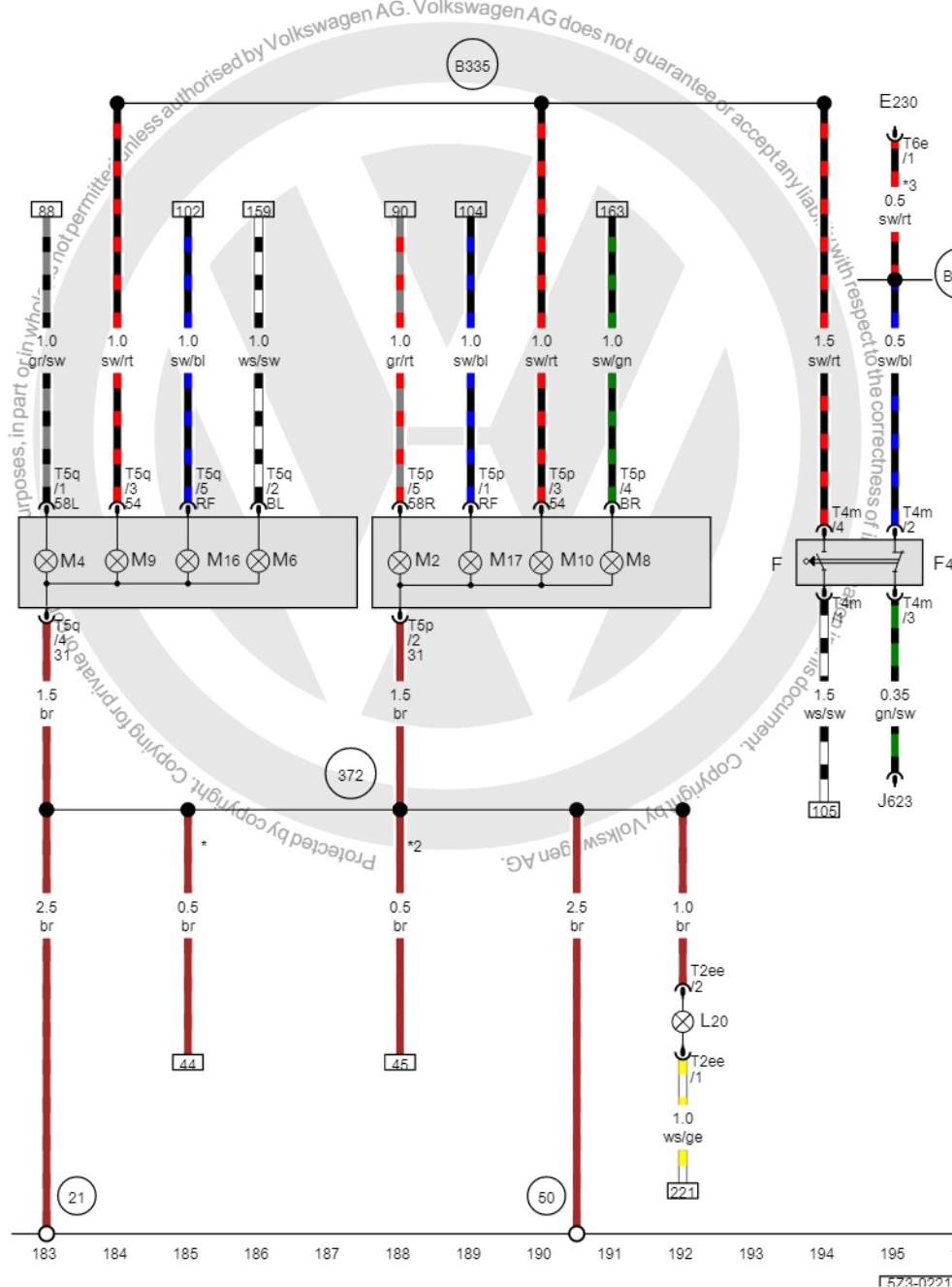
- L22 Left fog light bulb
- L23 Right fog light bulb
- M94 Left main beam headlight and fog light bulb
- M95 Right main beam headlight and fog light bulb
- T2aq 2-pin connector
- T2y 2-pin connector
- T4am 4-pin connector
- T4an 4-pin connector
- (381) Earth connection 16, in main wiring harness
- (671) Earth point 1, on front of left longitudinal member
- (B554) Connection (fog light), in main wiring harness
- * Only CROSS models



ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

169 170 171 172 173 174 175 176 177 178 179 180 181 182

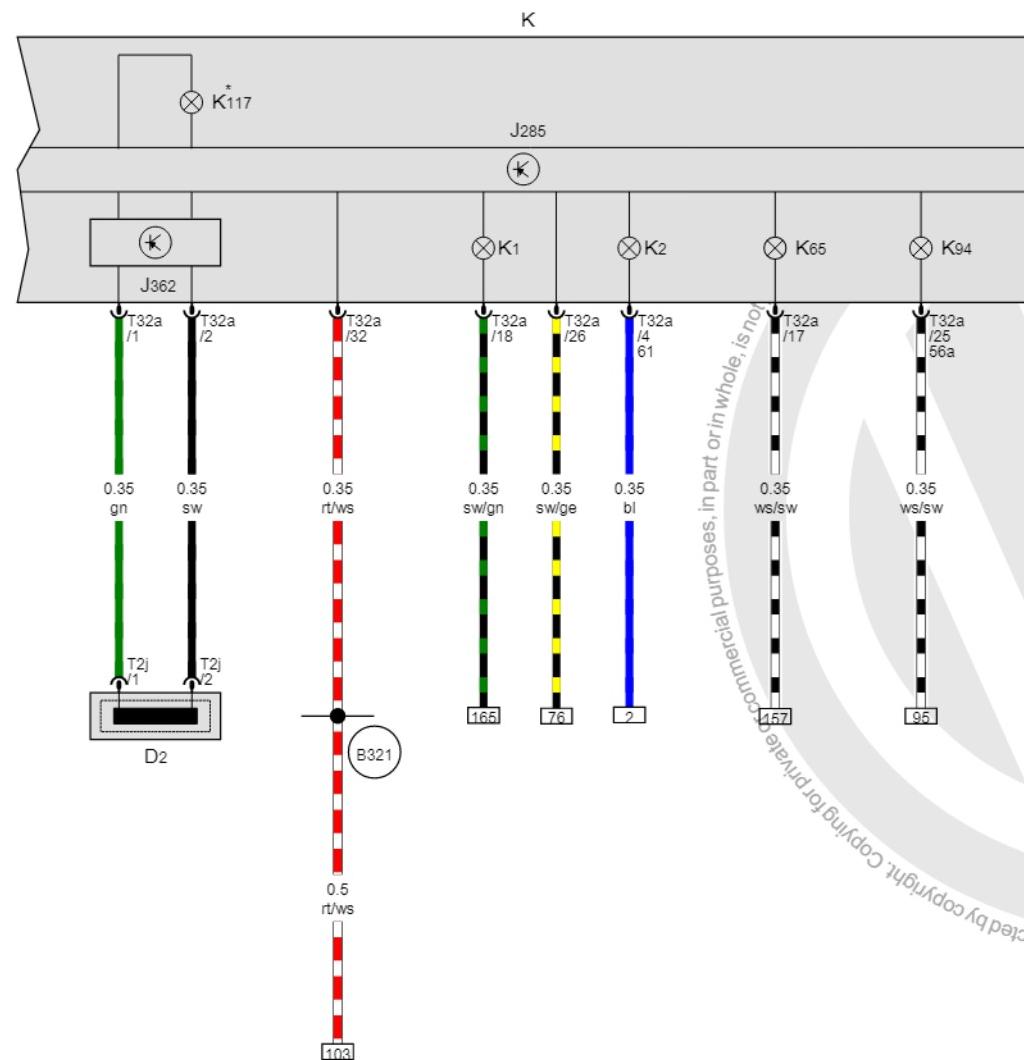
1573-0221405121



Brake light switch, Brake pedal switch, Rear fog light bulb, Right tail light bulb, Left tail light bulb, Rear left turn signal bulb, Rear right turn signal bulb, Left brake light bulb, Right brake light bulb, Left reversing light bulb, Right reversing light bulb

- E230 Heated rear window button
 - F Brake light switch
 - F47 Brake pedal switch
 - J623 Engine control unit
 - L20 Rear fog light bulb
 - M2 Right tail light bulb
 - M4 Left tail light bulb
 - M6 Rear left turn signal bulb
 - M8 Rear right turn signal bulb
 - M9 Left brake light bulb
 - M10 Right brake light bulb
 - M16 Left reversing light bulb
 - M17 Right reversing light bulb
 - T2ee 2-pin connector
 - T4m 4-pin connector
 - T5p 5-pin connector
 - T5q 5-pin connector
 - T6e 6-pin connector
 - 21 Earth point, near fuel pump
 - 50 Earth point, on left in luggage compartment
 - 372 Earth connection 7, in main wiring harness
 - B277 Positive connection 1 (15a) in main wiring harness
 - B335 Connection 1 (54), in main wiring harness
- * Only models with 4-doors
 *2 Only CROSS models
 *3 Only models with rain and light sensor

Immobiliser reader coil, Control unit in dash panel insert,
Immobiliser control unit, Dash panel insert, Main beam
warning lamp, Alternator warning lamp, Left turn signal
warning lamp, Right turn signal warning lamp



- D2 Immobiliser reader coil
 J285 Control unit in dash panel insert
 J362 Immobiliser control unit
 K Dash panel insert
 K1 Main beam warning lamp
 K2 Alternator warning lamp
 K65 Left turn signal warning lamp
 K94 Right turn signal warning lamp
 K117 Immobiliser warning lamp
 T2j 2-pin connector
 T32a 32-pin connector
 B321 Positive connection 7 (30a) in main wiring harness

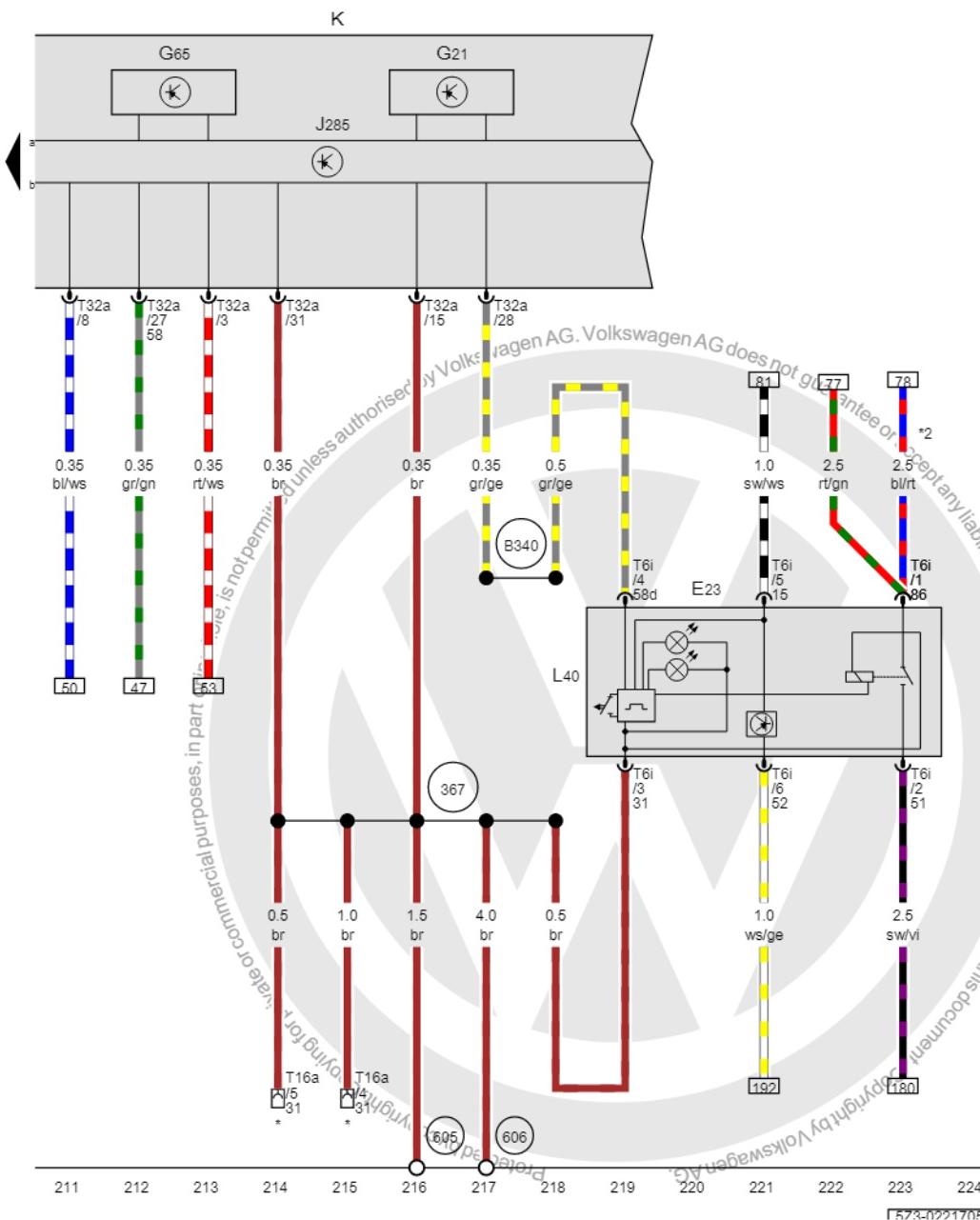
* Up to December 2010

197 198 199 200 201 202 203 204 205 206 207 208 209 210

1573-0221805121

ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

Front and rear fog light switch, Speedometer, High-pressure sender, Control unit in dash panel insert, Dash panel insert, Front and rear fog light switch illumination bulb



- E23 Front and rear fog light switch
 G21 Speedometer
 G65 High-pressure sender
 J285 Control unit in dash panel insert
 K Dash panel insert
 L40 Front and rear fog light switch illumination bulb
 T6i 6-pin connector
 T16a 16-pin connector
 T32a 32-pin connector

- 367 Earth connection 2, in main wiring harness
 605 Earth point, on top end of steering column
 606 Earth point, under the centre console near gear stick
 B340 Connection 1 (58d), in main wiring harness

* Diagnostic connection
 *2 Only CROSS models

ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

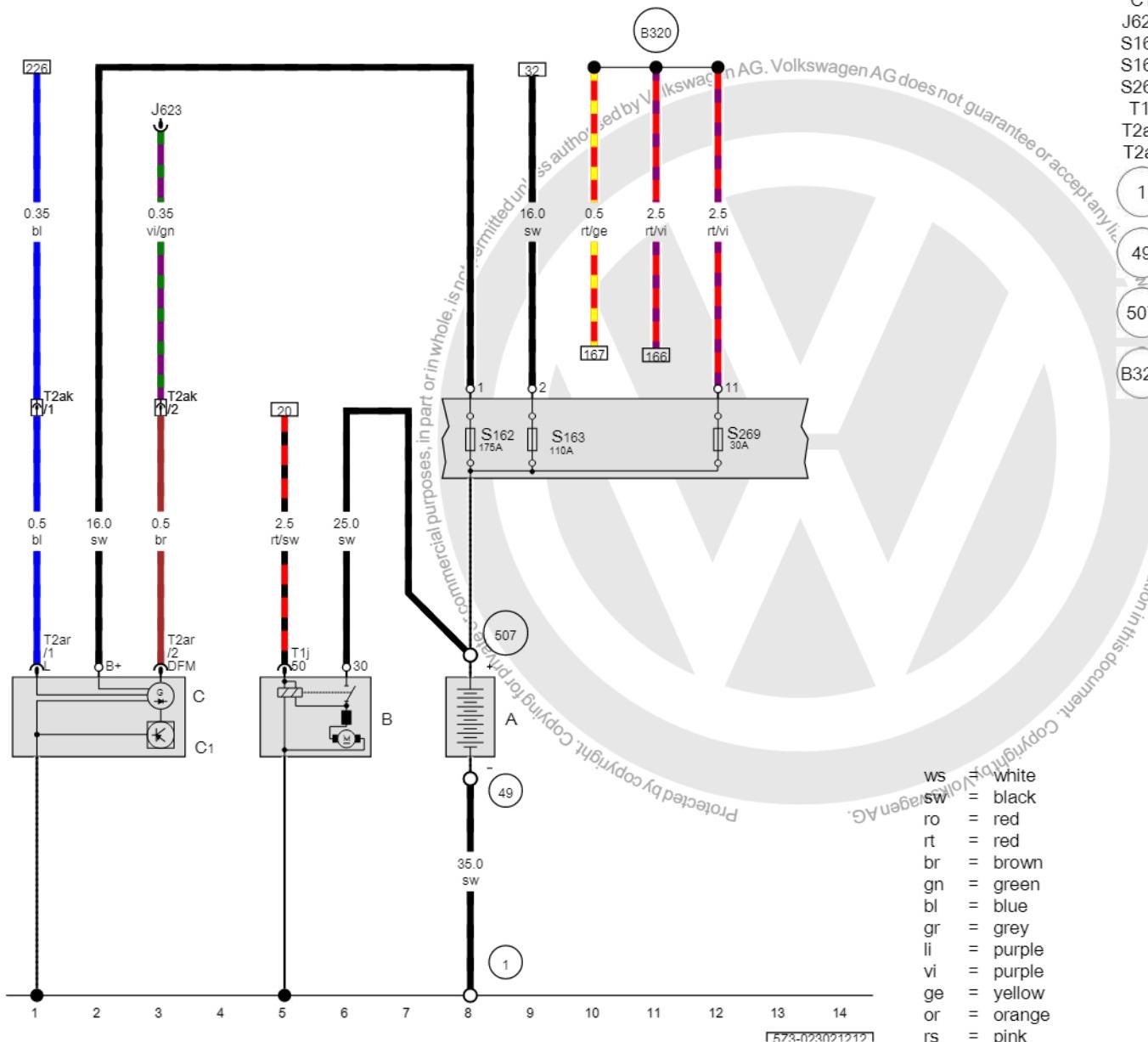
Basic equipment

From April 2012



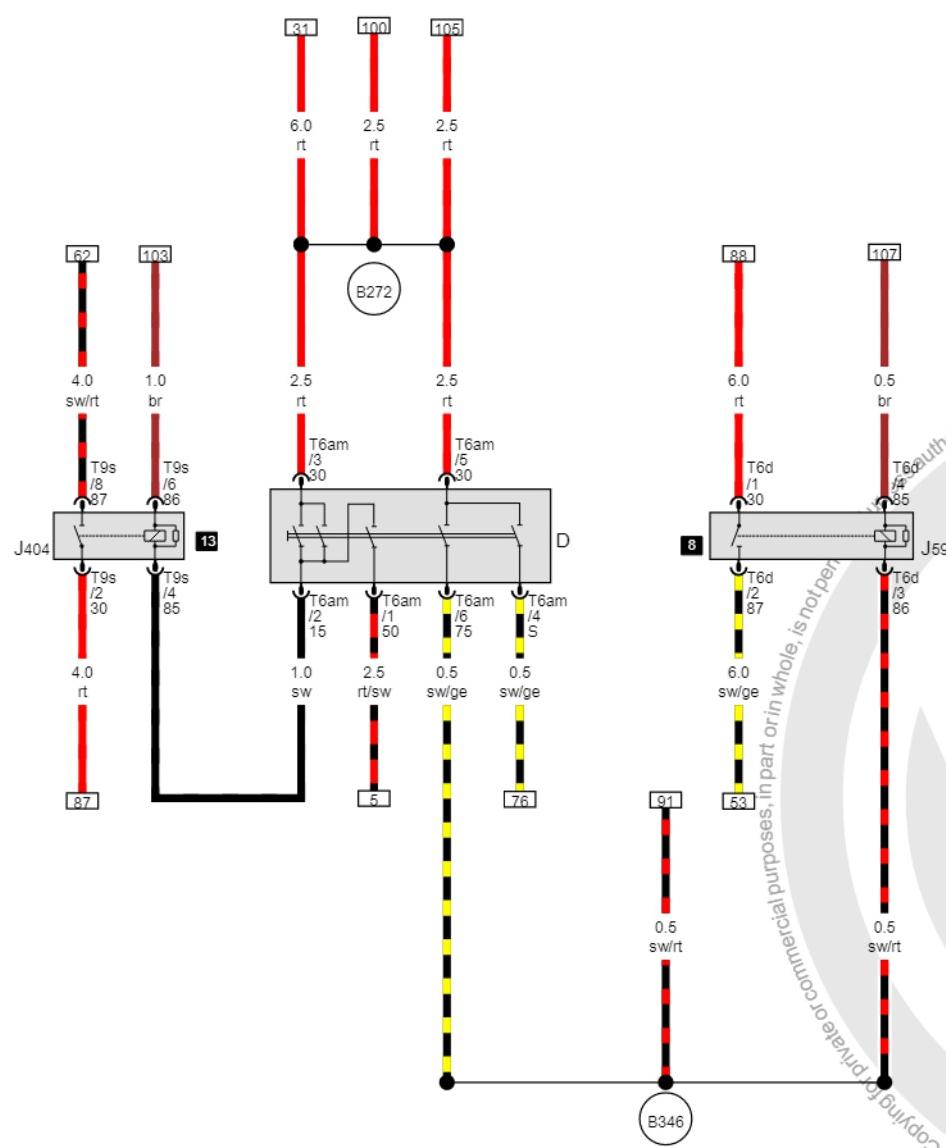
Battery, Starter, Alternator, Voltage regulator

- A Battery
 B Starter
 C Alternator
 C1 Voltage regulator
 J623 Engine control unit
 S162 Fuse 1 (30), in battery fuse holder
 S163 Fuse 2 (30), in battery fuse holder
 S269 Fuse 11 (30), in battery fuse holder
 T1j Single connector
 T2ak 2-pin connector, in engine compartment
 T2ar 2-pin connector
- 1 Earth strap, battery - body
 49 Earth point, near ..., near battery
 507 Threaded connection (30), on battery fuse holder
- B320 Positive connection 6 (30a) in main wiring harness



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Ignition/starter switch, X-contact relief relay, Terminal 15
relief relay



ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

A large, faint watermark of the Volkswagen logo is centered on the page. The logo consists of a circular emblem with a stylized 'VW' monogram inside, surrounded by a ring of 12 stars.

Fuse 27 on fuse holder B, Fuse 28 on fuse holder B, Fuse 39 on fuse holder B

SB27 Fuse 27 on fuse holder B
SB28 Fuse 28 on fuse holder B
SB39 Fuse 39 on fuse holder B
T16a 16-pin connector

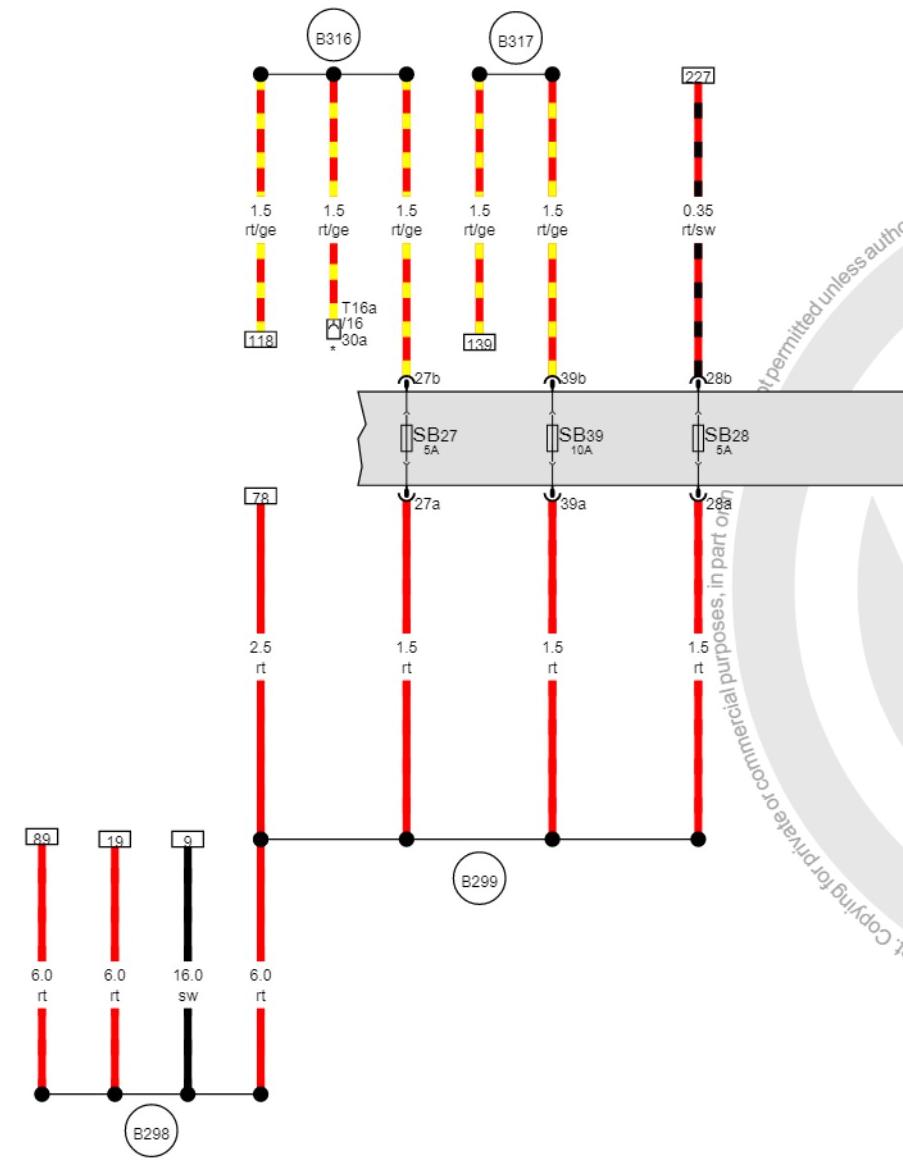
B298 Positive connection 2 (30), in main wiring harness

B299 Positive connection 3 (30), in main wiring harness

B316 Positive connection 2 (30a) in main wiring harness

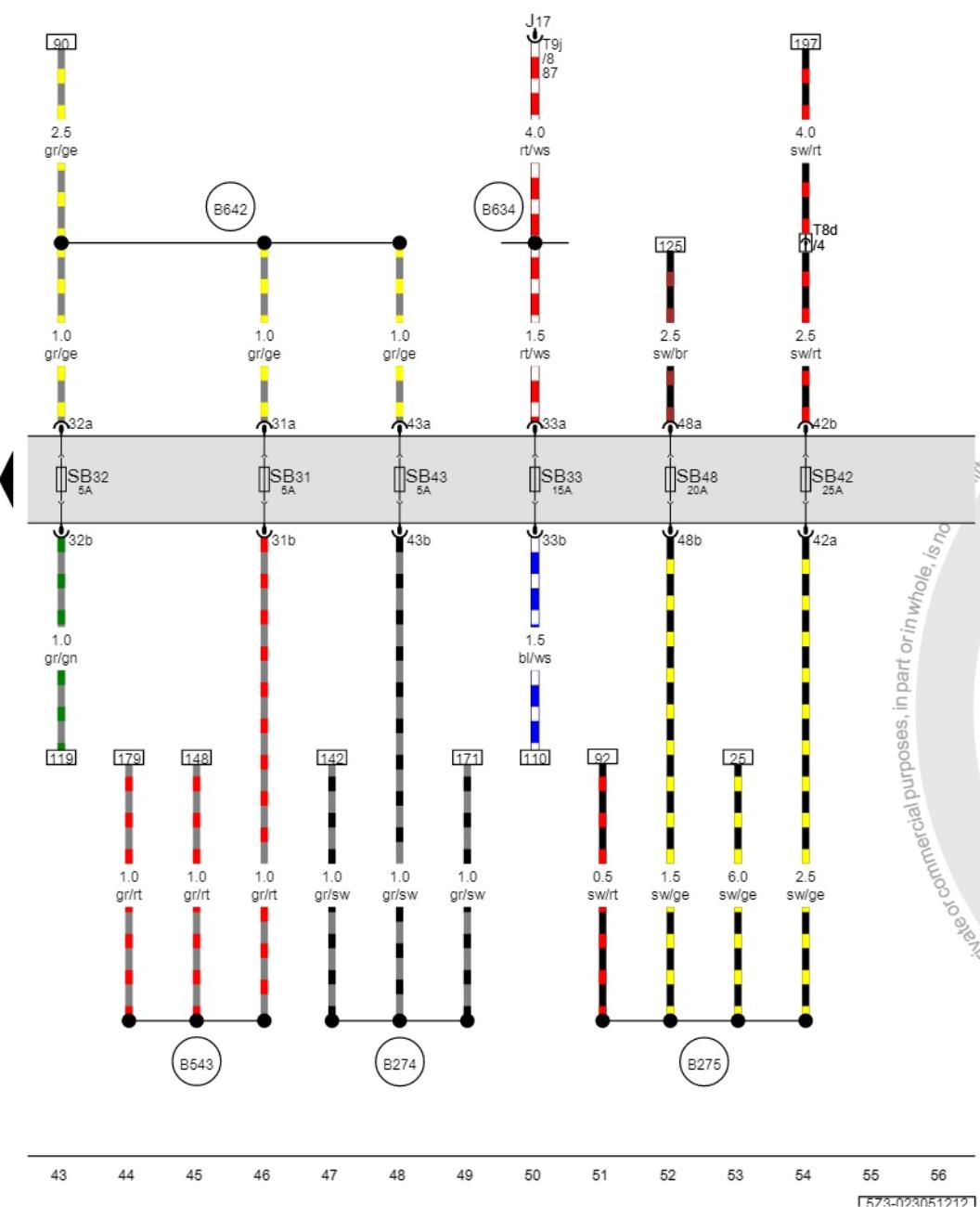
B317 Positive connection 3 (30a) in main wiring harness

* Diagnostic connection



ws = white
sw = black
ro = red
re = red
rt = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Copyright by Volkswagen AG.
Photocopying for private or commercial purposes, in part or in whole, is not
permitted unless authorised by Volkswagen AG.



Fuse 31 on fuse holder B, Fuse 32 on fuse holder B, Fuse 33 on fuse holder B, Fuse 42 on fuse holder B, Fuse 43 on fuse holder B, Fuse 48 on fuse holder B

- J17 Fuel pump relay
- SB31 Fuse 31 on fuse holder B
- SB32 Fuse 32 on fuse holder B
- SB33 Fuse 33 on fuse holder B
- SB42 Fuse 42 on fuse holder B
- SB43 Fuse 43 on fuse holder B
- SB48 Fuse 48 on fuse holder B
- T8d 8-pin connector, behind dash panel, centre
- T9j 9-pin connector
- B274 Positive connection (58L), in main wiring harness
- B275 Positive connection (87), in main wiring harness
- B543 Positive connection (58R), in main wiring harness
- B634 Positive connection 2 (87), in main wiring harness
- B642 Positive connection (58), in main wiring harness

Protected by copyright - Volkswagen AG. Copying for private commercial purposes, in part or in whole, is not permitted unless authorised by Volkswagen AG.

Reversing light switch

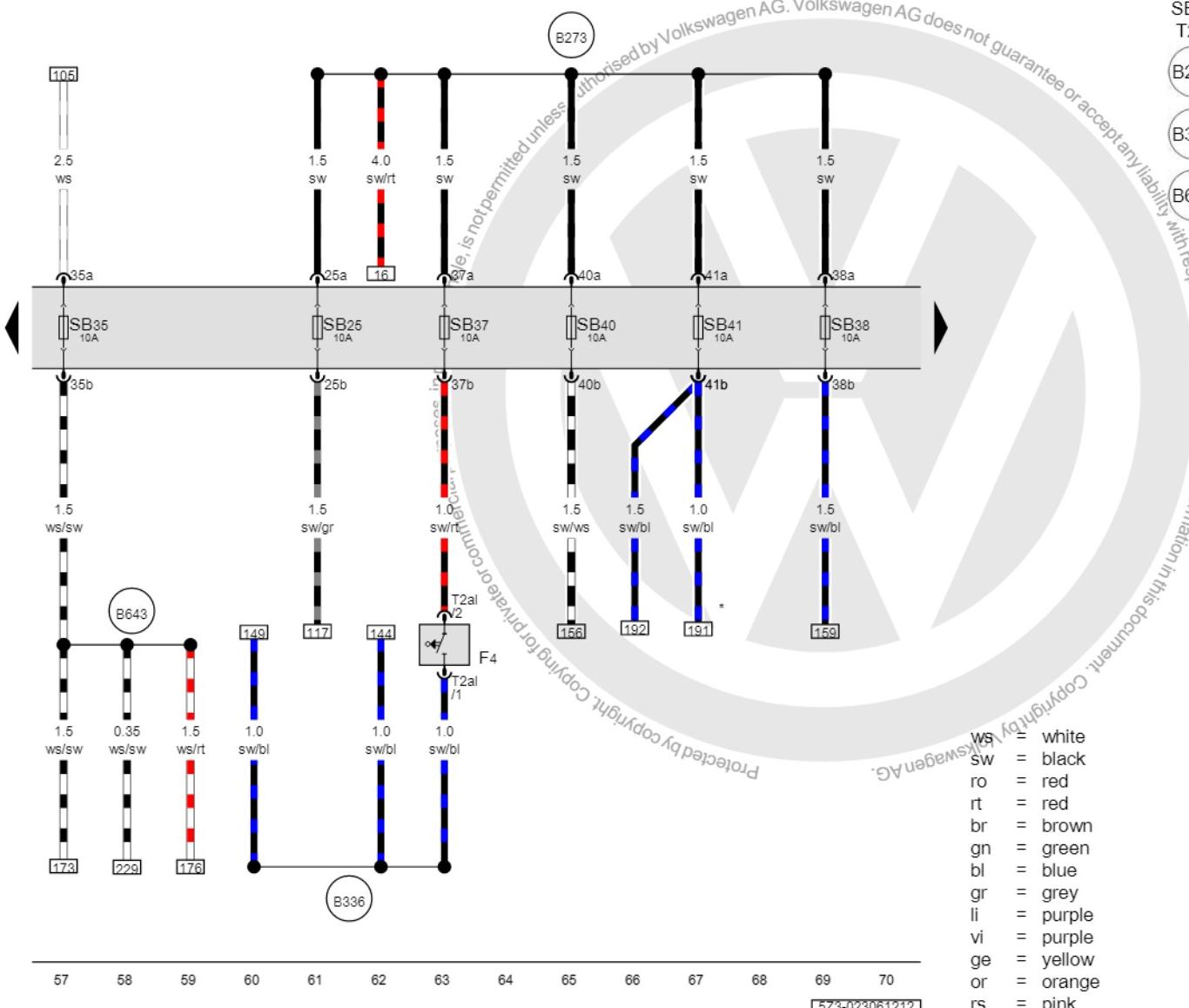
F4 Reversing light switch
 SB25 Fuse 25 on fuse holder B
 SB35 Fuse 35 on fuse holder B
 SB37 Fuse 37 on fuse holder B
 SB38 Fuse 38 on fuse holder B
 SB40 Fuse 40 on fuse holder B
 SB41 Fuse 41 on fuse holder B
 T2al 2-pin connector

B273 Positive connection (15), in main wiring harness

B336 Connection 2 (54), in main wiring harness

B643 Connection 2 (56a), in main wiring harness

Only models with multifunction steering wheel or driver and front passenger airbags

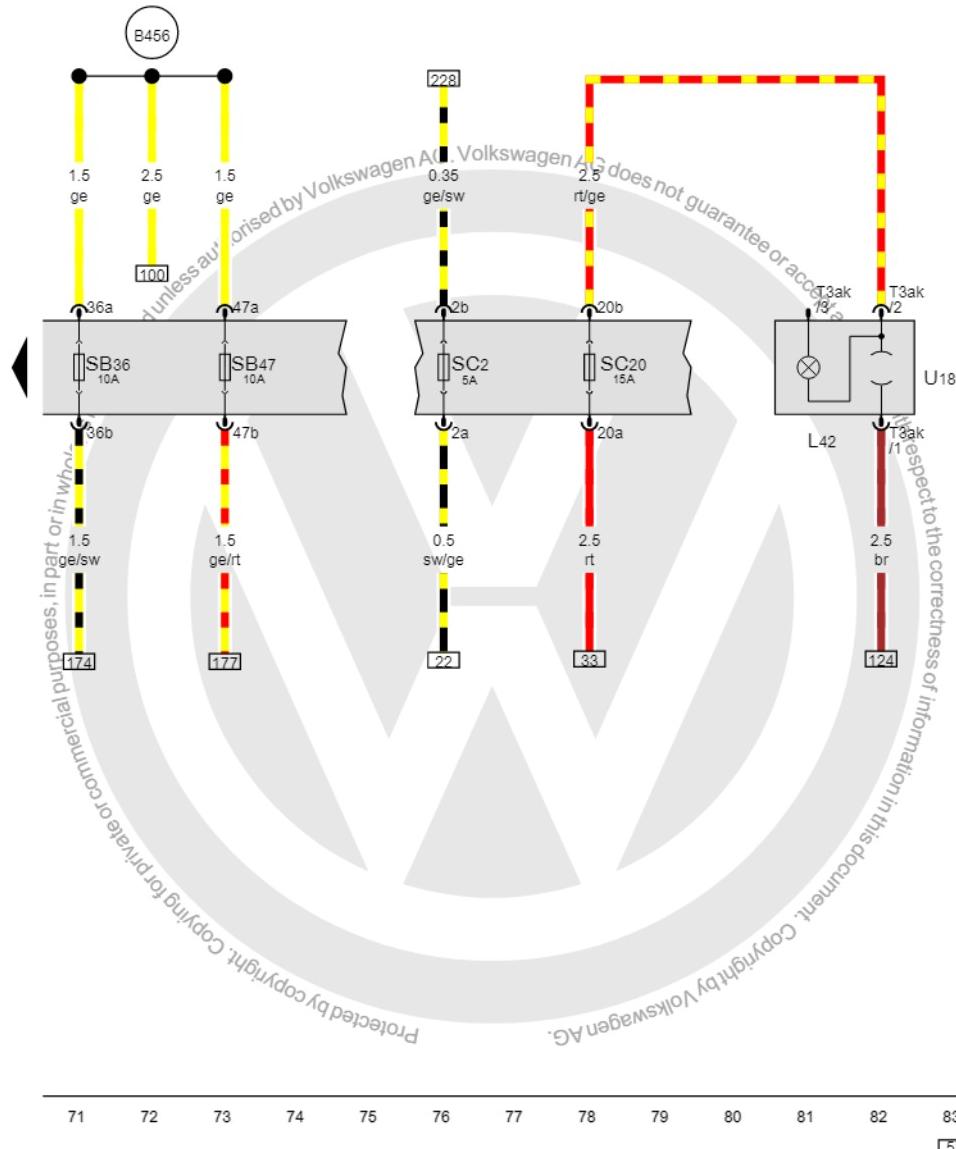


ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Socket illumination bulb, 12 V socket 2

L42	Socket illumination bulb
SC2	Fuse 2 on fuse holder C
SC20	Fuse 20 on fuse holder C
SB36	Fuse 36 on fuse holder B
SB47	Fuse 47 on fuse holder B
T3ak	3-pin connector
U18	12 V socket 2

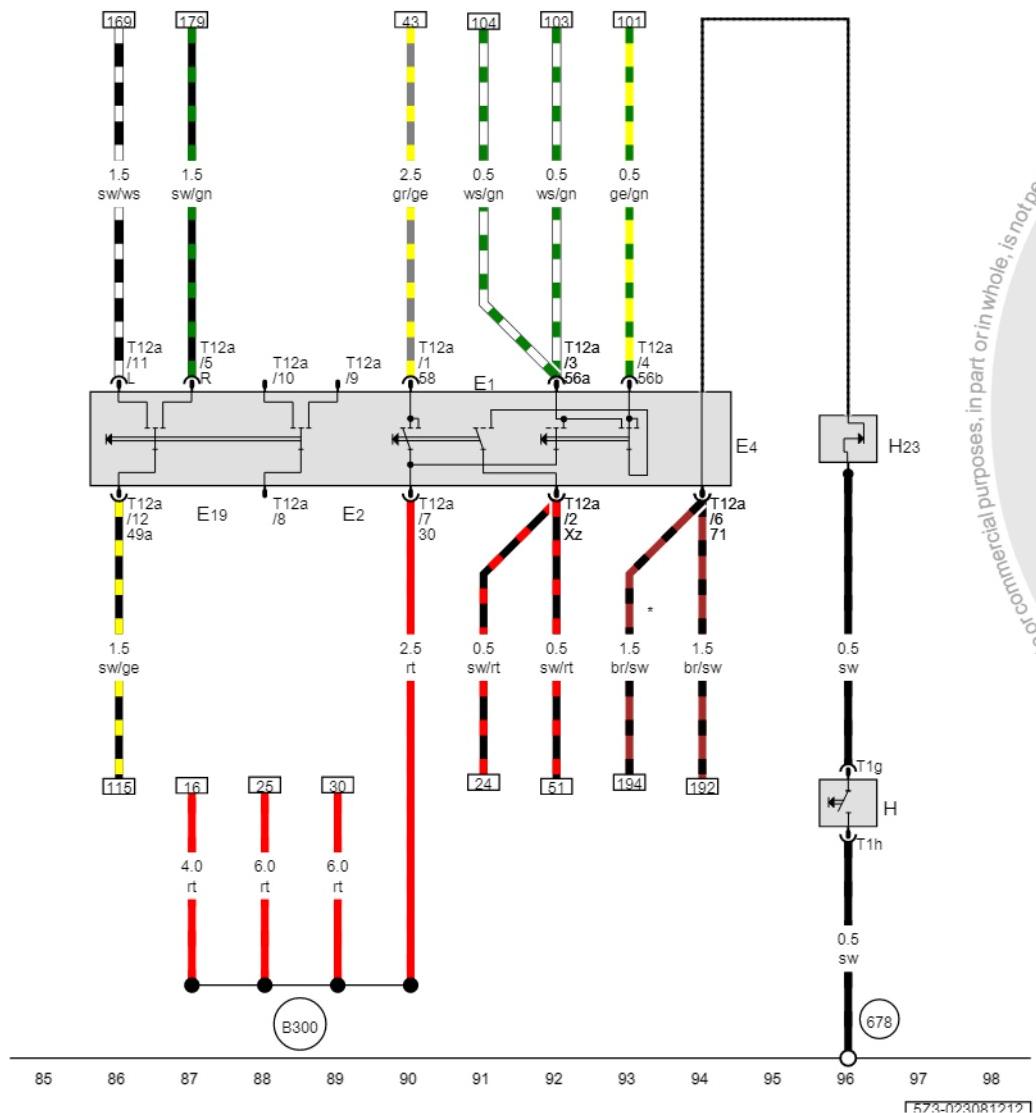
(B456) Connection (56b), in main wiring harness



ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

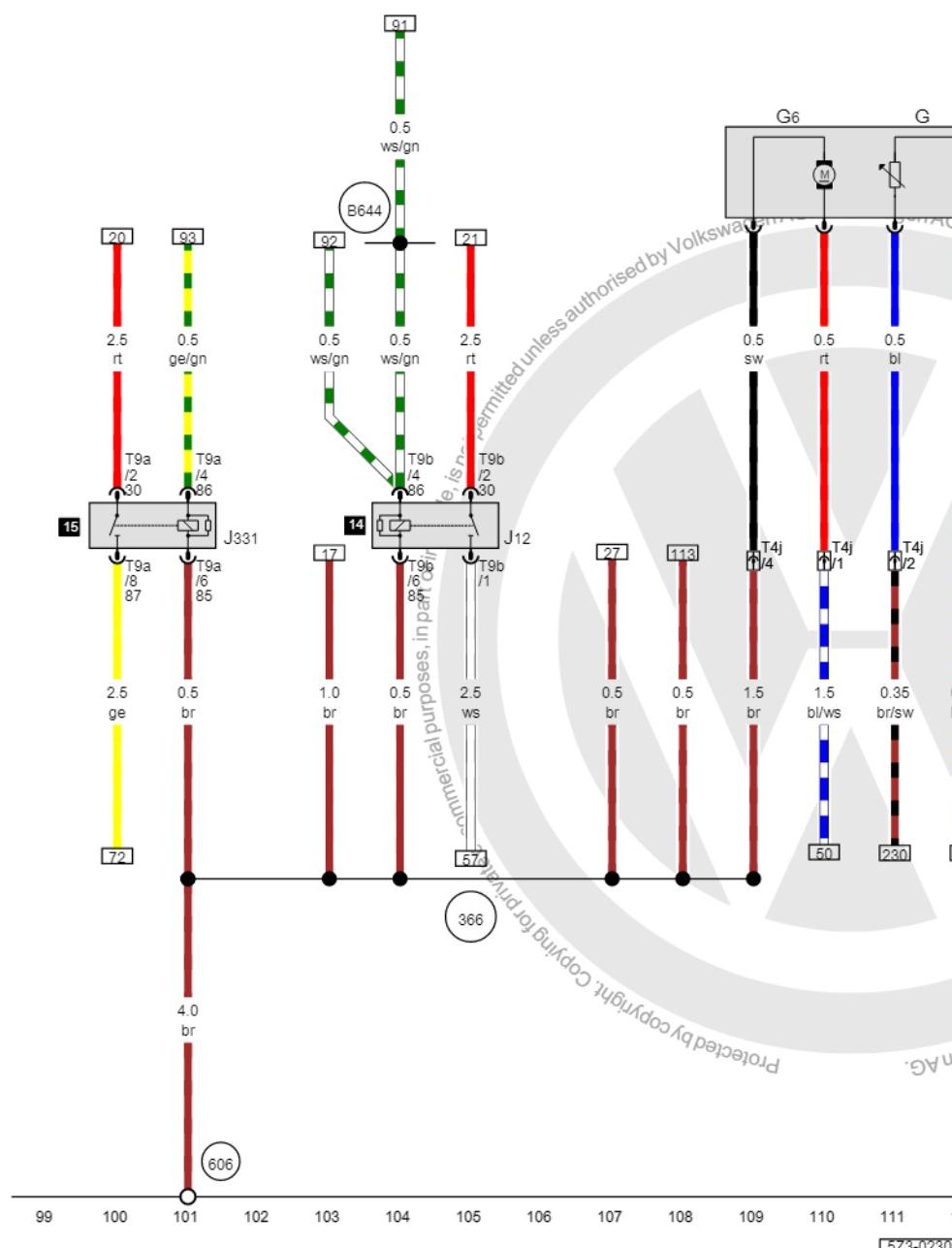
Light switch, Turn signal switch, Headlight dipper and flasher switch, Parking light switch, Horn plate, Horn activation contact ring

- E1 Light switch
 - E2 Turn signal switch
 - E4 Headlight dipper and flasher switch
 - E19 Parking light switch
 - H Horn plate
 - H23 Horn activation contact ring
 - T1g Single connector
 - T1h Single connector
 - T12a 12-pin connector
 - 678 Earth point, on steering wheel
 - B300 Positive connection 4 (30), in main wiring harness
- * Only models with multifunction steering wheel or driver and front passenger airbags



ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

Fuel gauge sender, Fuel system pressurisation pump,
Headlight main beam relay, Dipped beam relay



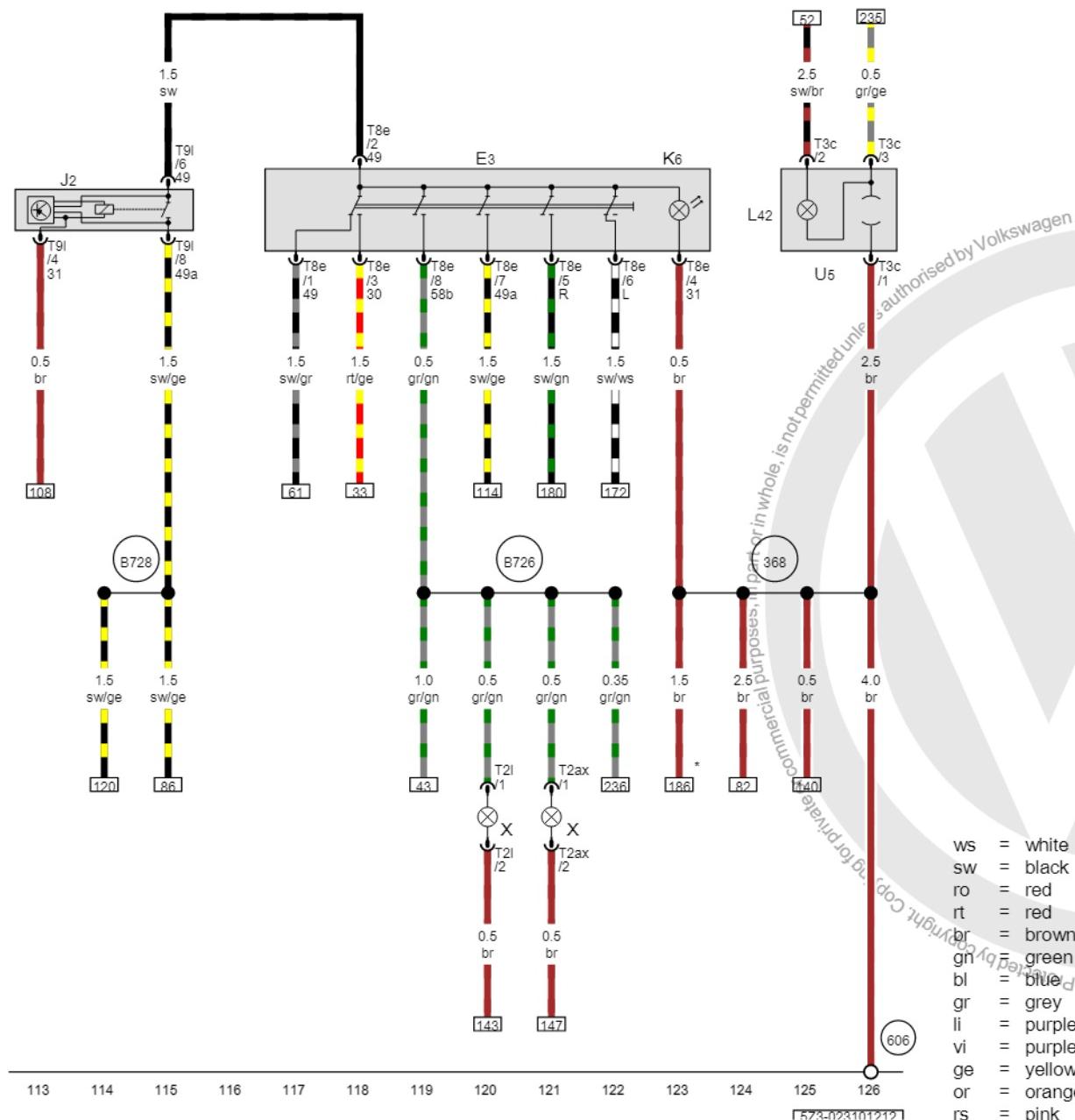
Legend for wire colors:

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

G Fuel gauge sender
G6 Fuel system pressurisation pump
J12 Headlight main beam relay
J331 Dipped beam relay
T4j 4-pin connector
T9a 9-pin connector
T9b 9-pin connector

366 Earth connection 1, in main wiring harness
606 Earth point, under the centre console near gear stick
B644 Connection 3 (56a), in main wiring harness

Hazard warning light switch, Hazard warning light relay,
Indicator lamp for hazard warning light, Socket illumination
bulb, 12 V socket, Number plate light



E3 Hazard warning light switch
J2 Hazard warning light relay
K6 Indicator lamp for hazard warning light
L42 Socket illumination bulb

T2ax 2-pin connector
T2l 2-pin connector
T3c 3-pin connector
T8e 8-pin connector

T9i 9-pin connector
U5 12 V socket
X Number plate light

368 Earth connection 3, in main wiring harness

606 Earth point, under the centre console near gear stick

B726 Positive connection 2 (58), in main wiring harness

B728 Connection (49a), in main wiring harness

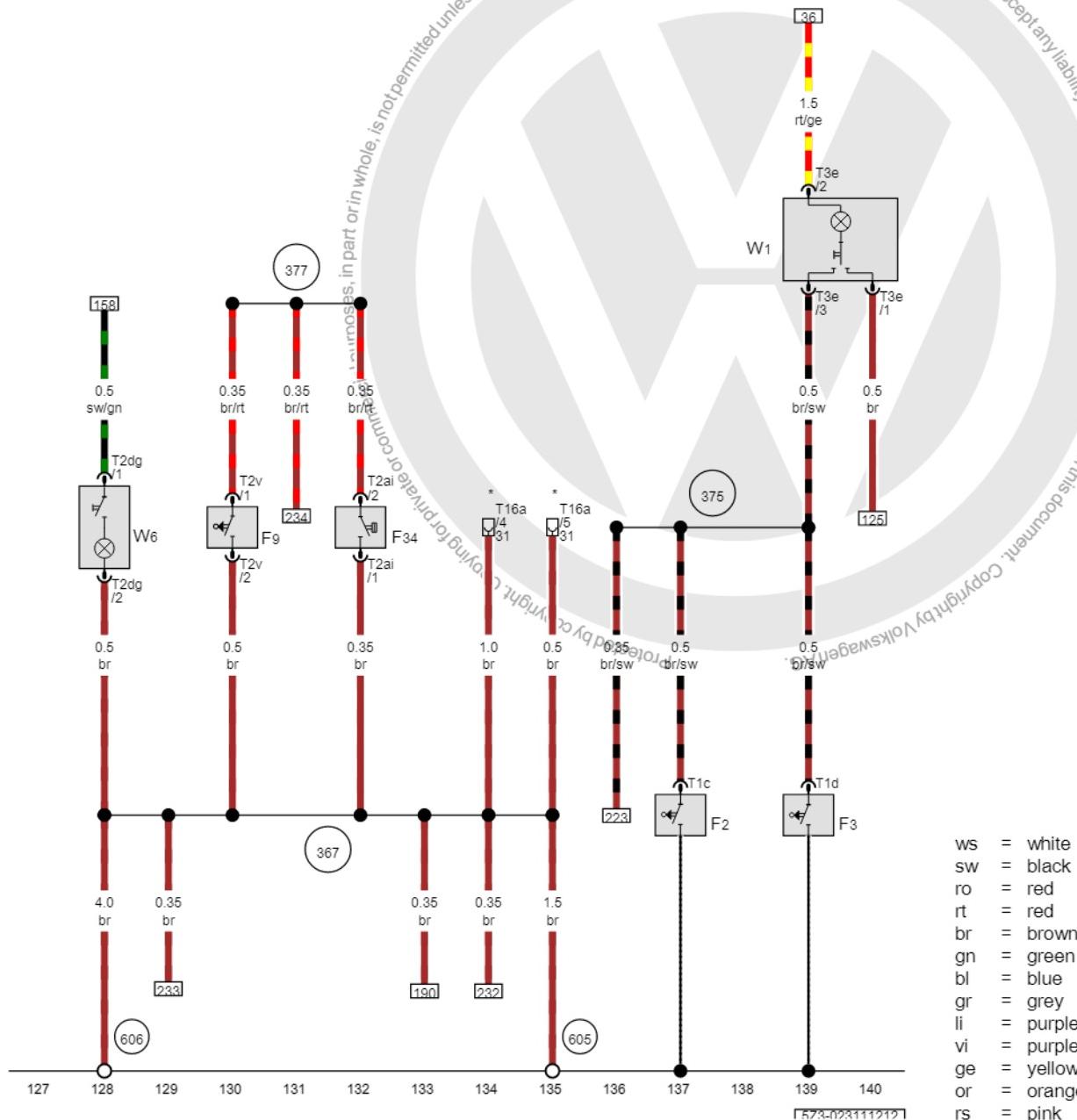
* Only models with multifunction steering wheel or driver and front passenger airbags

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gr	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

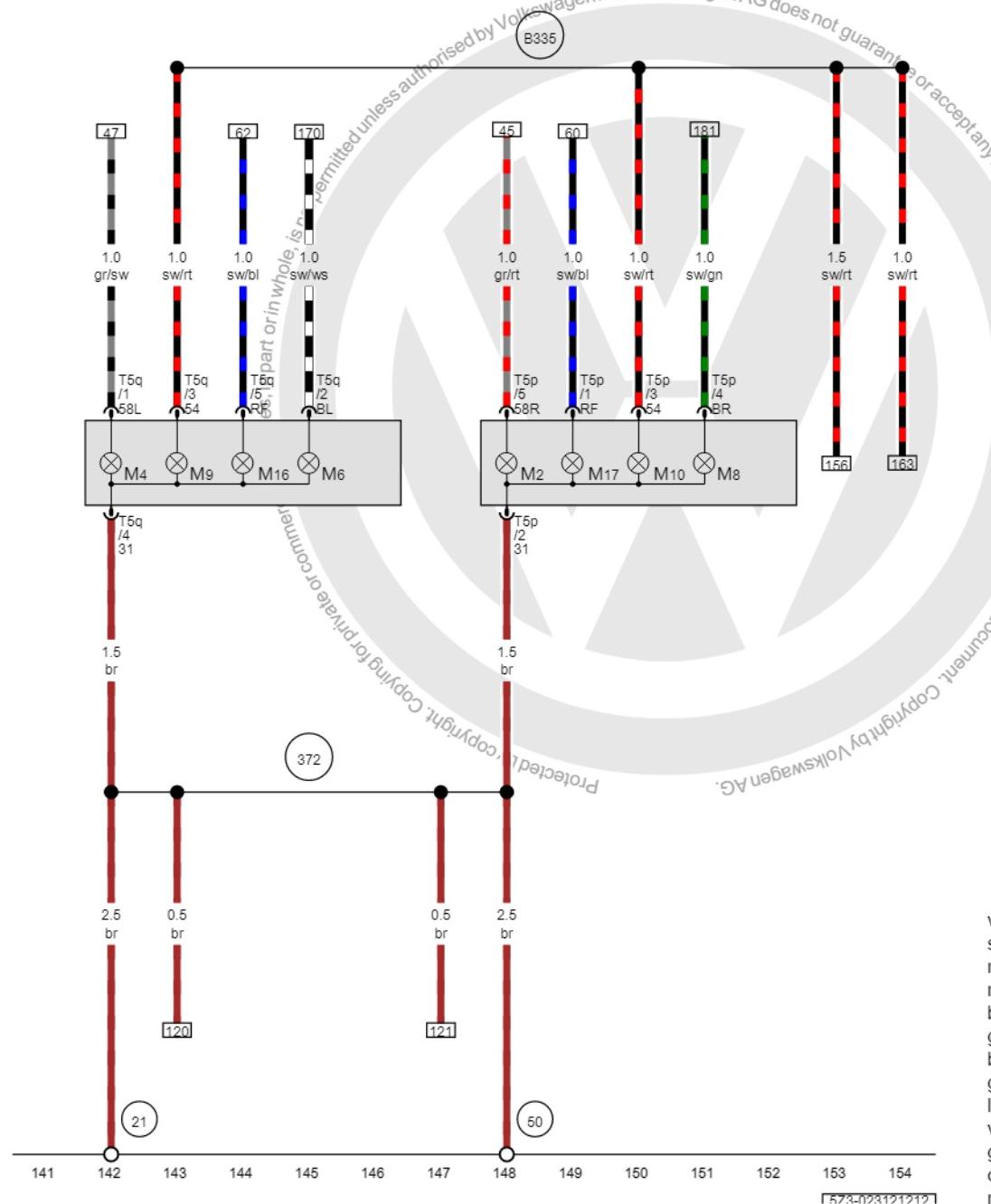
Copyright by Volkswagen AG. Copying or modifying, in whole or in part, is not permitted unless explicitly authorised by Volkswagen AG. Acceptability with respect to the correctness of information in this document, copying or modifying, in whole or in part, is not guaranteed by Volkswagen AG.

Current Flow Diagram

Driver door contact switch, Front passenger door contact switch, Handbrake warning switch, Brake fluid level warning contact, Front interior light, Glove compartment light



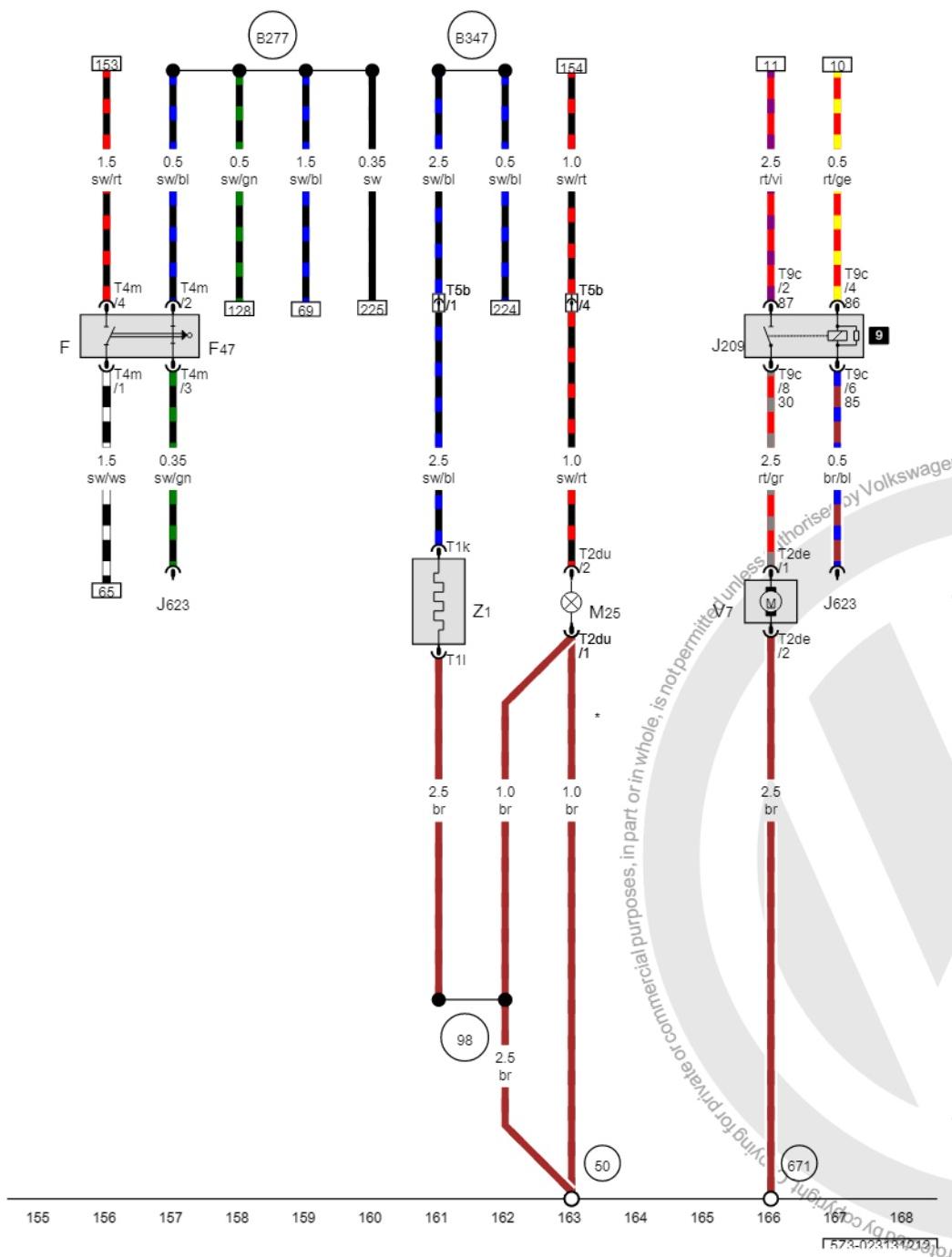
- | | |
|----|----------|
| ws | = white |
| sw | = black |
| ro | = red |
| rt | = red |
| br | = brown |
| gn | = green |
| bl | = blue |
| gr | = grey |
| li | = purple |
| vi | = purple |
| ge | = yellow |
| or | = orange |
| rs | = pink |



Right tail light bulb, Left tail light bulb, Rear left turn signal bulb, Rear right turn signal bulb, Left brake light bulb, Right brake light bulb, Left reversing light bulb, Right reversing light bulb

- M2 Right tail light bulb
- M4 Left tail light bulb
- M6 Rear left turn signal bulb
- M8 Rear right turn signal bulb
- M9 Left brake light bulb
- M10 Right brake light bulb
- M16 Left reversing light bulb
- M17 Right reversing light bulb
- T5p 5-pin connector
- T5q 5-pin connector

- 21 Earth point, near fuel pump
- 50 Earth point, on left in luggage compartment
- 372 Earth connection 7, in main wiring harness
- B335 Connection 1 (54), in main wiring harness

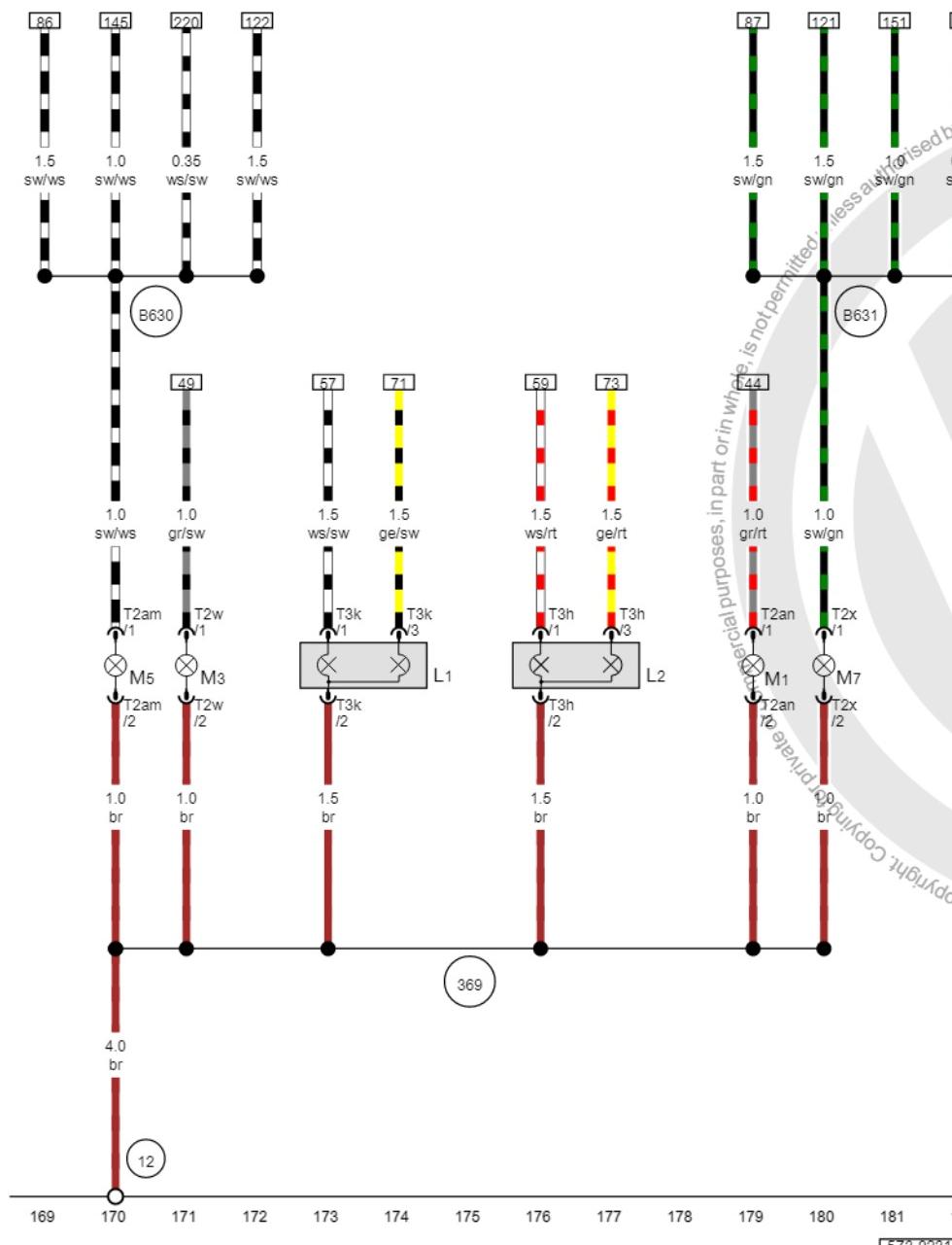


Brake light switch, Brake pedal switch, Fresh air blower and radiator fan relay, Additional brake light bulb, Radiator fan, Heated rear window

- | | |
|------|--|
| F | Brake light switch |
| F47 | Brake pedal switch |
| J209 | Fresh air blower and radiator fan relay |
| J623 | Engine control unit |
| M25 | Additional brake light bulb |
| T1k | Single connector |
| T1l | Single connector |
| T2de | 2-pin connector |
| T2du | 2-pin connector |
| T4m | 4-pin connector |
| T5b | 5-pin connector, behind rear left side trim, near wheel arch |
| T9c | 9-pin connector |
| V7 | Radiator fan |
| Z1 | Heated rear window |
| 50 | Earth point, on left in luggage compartment |
| 98 | Earth connection, in rear lid wiring harness |
| 671 | Earth point 1, on front of left longitudinal member |
| B277 | Positive connection 1 (15a) in main wiring harness |
| B347 | Connection 2 (75), in main wiring harness |
| * | Only models with no heated rear window |

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

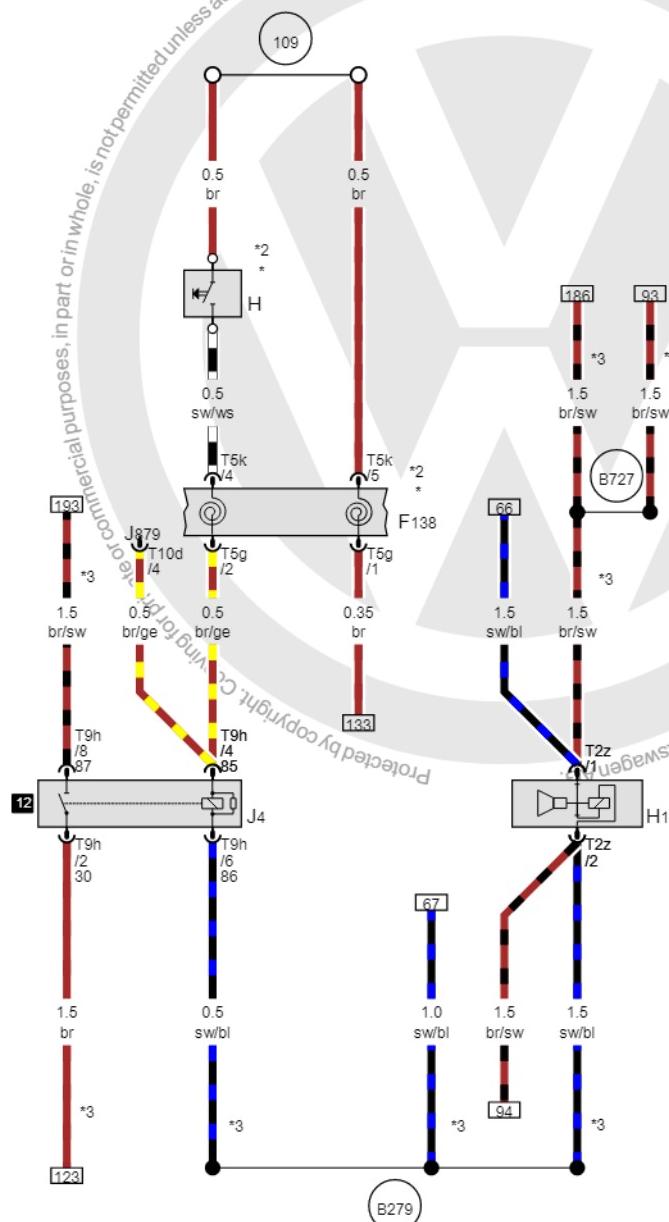
Left headlight twin filament bulb, Right headlight twin filament bulb, Left side light bulb, Right side light bulb, Front left turn signal bulb, Front right turn signal bulb



- | | |
|------|--|
| L1 | Left headlight twin filament bulb |
| L2 | Right headlight twin filament bulb |
| M1 | Left side light bulb |
| M3 | Right side light bulb |
| M5 | Front left turn signal bulb |
| M7 | Front right turn signal bulb |
| T2am | 2-pin connector |
| T2an | 2-pin connector |
| T2w | 2-pin connector |
| T2x | 2-pin connector |
| T3h | 3-pin connector |
| T3k | 3-pin connector |
| 12 | Earth point, on left in engine compartment |
| 369 | Earth connection 4, in main wiring harness |
| B630 | Positive connection (left turn signal bulb), in main wiring harness |
| B631 | Positive connection (right turn signal bulb), in main wiring harness |

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

1573-0281412121

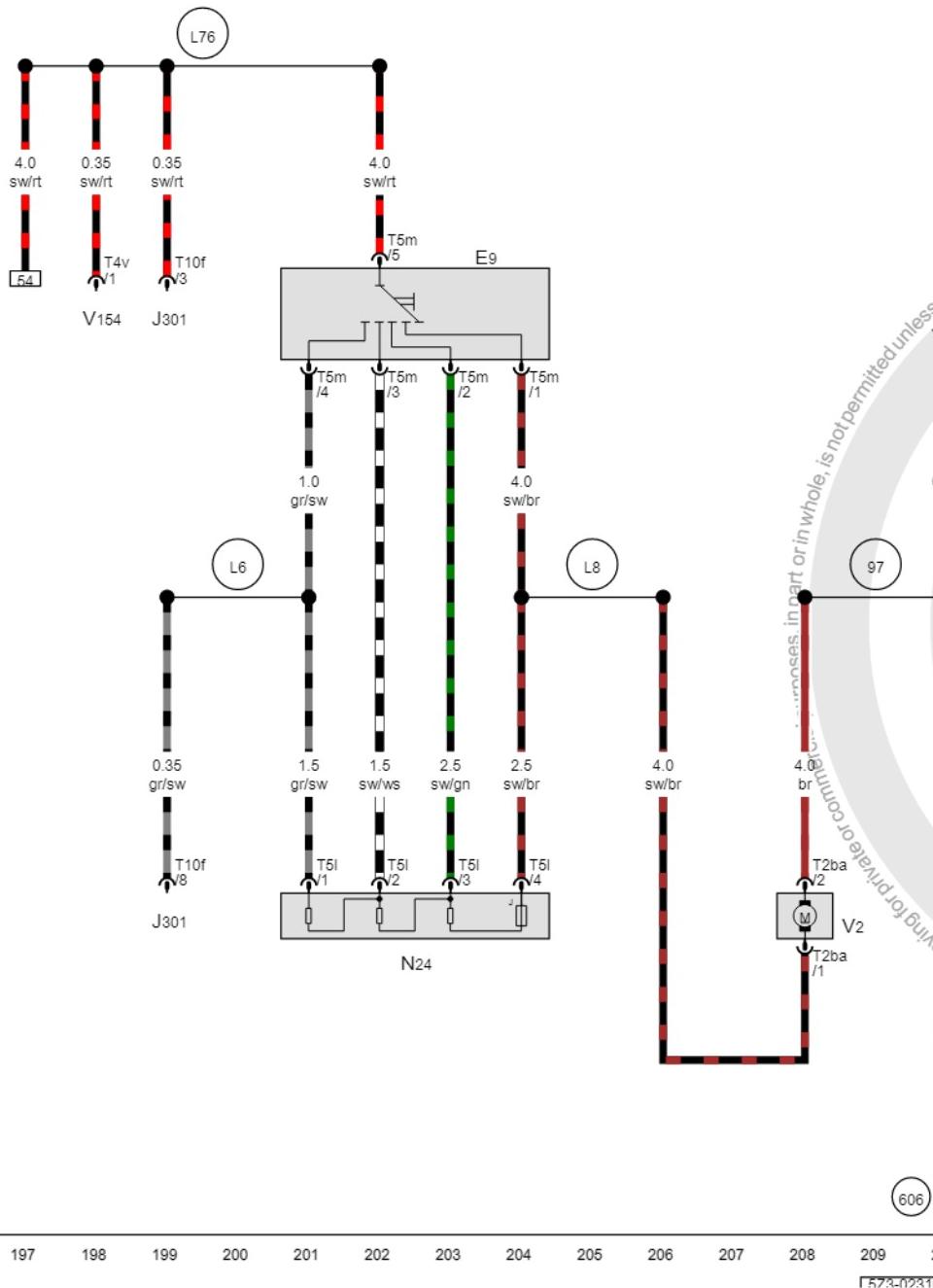


Airbag coil connector and return ring with slip ring, Horn plate, Horn or dual tone horn, Dual tone horn relay

- F138 Airbag coil connector and return ring with slip ring
- H Horn plate
- H1 Horn or dual tone horn
- J4 Dual tone horn relay
- J879 Control unit for interactive system
- T2z 2-pin connector
- T5g 5-pin connector
- T5k 5-pin connector
- T9h 9-pin connector
- T10d 10-pin connector
- 109 Earth connection, in airbag wiring harness
- B279 Positive connection 3 (15a) in main wiring harness
- B727 Connection (71a), in main wiring harness
- * Only models with driver and front passenger airbags
- *2 Only models with detachable operating unit for radio
- *3 Only models with multifunction steering wheel or driver and front passenger airbags

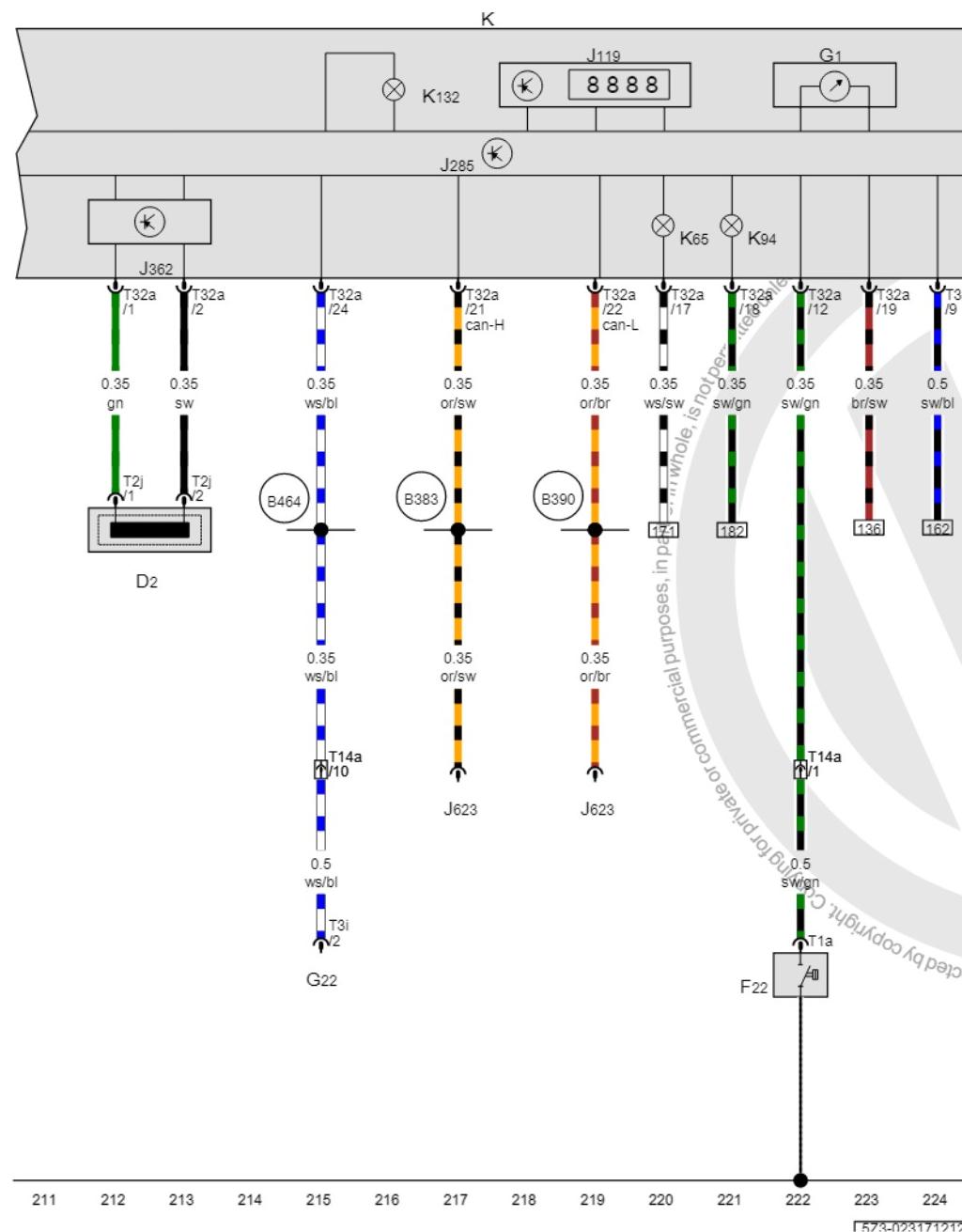
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Fresh air blower switch, Fresh air blower series resistor with overheating fuse, Fresh air blower



- E9 Fresh air blower switch
- J301 Air conditioning system control unit
- N24 Fresh air blower series resistor with overheating fuse
- T2ba 2-pin connector
- T4v 4-pin connector
- T5l 5-pin connector
- T5m 5-pin connector
- T8d 8-pin connector, behind dash panel, centre
- T10f 10-pin connector
- V2 Fresh air blower
- V154 Fresh air and air recirculation flap control motor
- 97 Earth connection 1, in air conditioning system wiring harness
- 606 Earth point, under the centre console near gear stick
- L6 Connection 2, in evaporator housing unit wiring harness
- L8 Connection 4, in evaporator housing unit wiring harness
- L76 Connection (87), in air conditioning system wiring harness

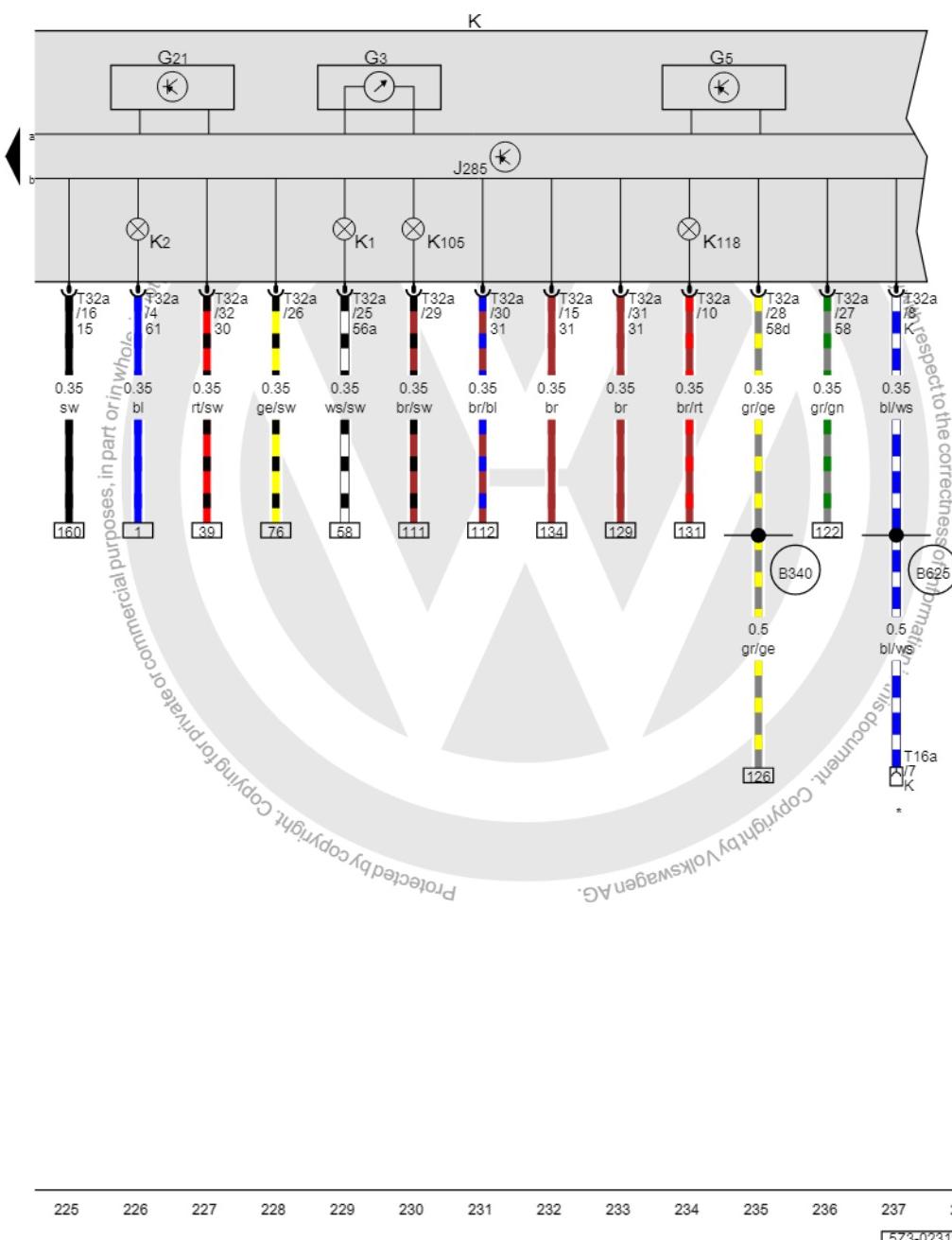
ws	= white
sw	= black
ro	= red
rt	= red'
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink



Immobiliser reader coil, Oil pressure switch, Fuel gauge, Multifunction indicator, Immobiliser control unit, Dash panel insert, Left turn signal warning lamp, Right turn signal warning lamp, Electronic power control fault lamp

- D2 Immobiliser reader coil
 F22 Oil pressure switch
 G1 Fuel gauge
 G22 Speedometer sender
 J119 Multifunction indicator
 J285 Control unit in dash panel insert
 J362 Immobiliser control unit
 J623 Engine control unit
 K Dash panel insert
 K65 Left turn signal warning lamp
 K94 Right turn signal warning lamp
 K132 Electronic power control fault lamp
 T1a Single connector
 T2j 2-pin connector
 T3i 3-pin connector
 T14a 14-pin connector, on left in engine compartment
 T32a 32-pin connector
 B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
 B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
 B464 Connection (speed signal), in main wiring harness

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Coolant temperature gauge, Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert, Main beam warning lamp, Alternator warning lamp, Reserve fuel warning lamp, Brake system warning lamp

G3 Coolant temperature gauge

G5 Rev. counter

G21 Speedometer

J285 Control unit in dash panel insert

K Dash panel insert

K1 Main beam warning lamp

K2 Alternator warning lamp

K105 Reserve fuel warning lamp

K118 Brake system warning lamp

T16a 16-pin connector

T32a 32-pin connector

(B340) Connection 1 (58d), in main wiring harness

(B625) Connection (K-diagnosis wire), in main wiring harness

* Diagnostic connection

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

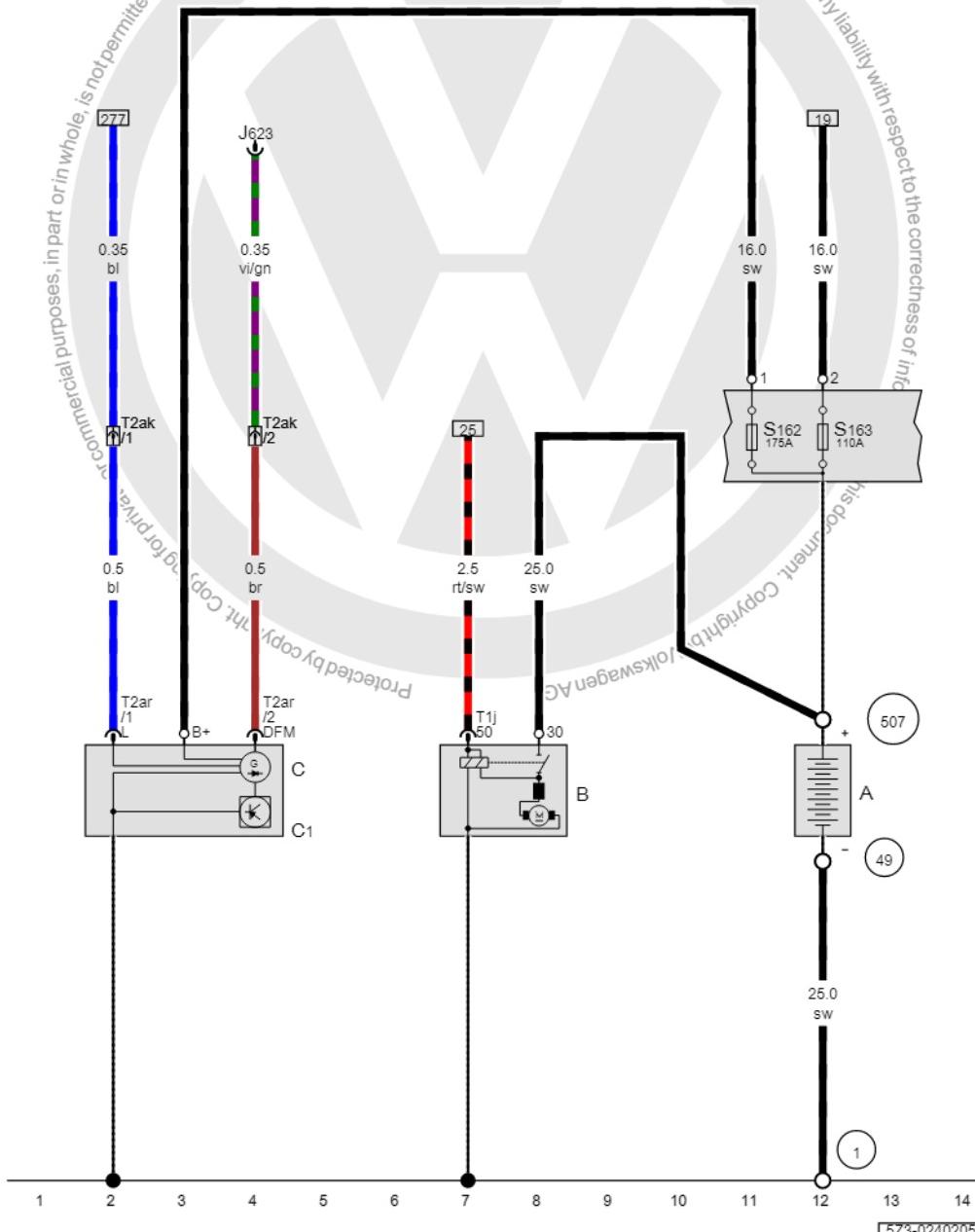
Convenience system

From April 2012



Current Flow Diagram

Battery, Starter, Alternator, Voltage regulator

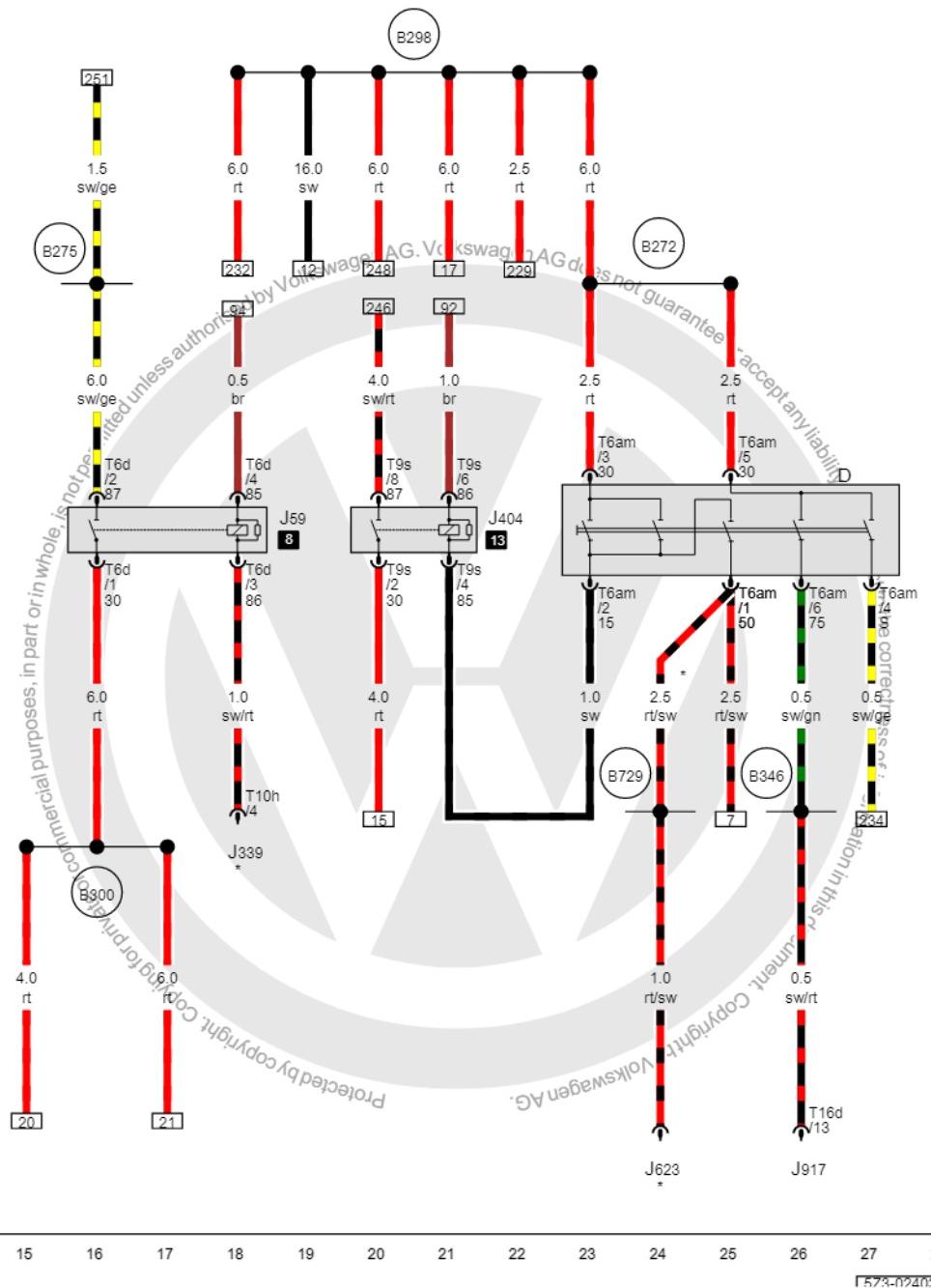


ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

A Battery
B Starter
C Alternator
C1 Voltage regulator
J623 Engine control unit
S162 Fuse 1 (30), in battery fuse holder
S163 Fuse 2 (30), in battery fuse holder
T1j Single connector
T2ak 2-pin connector, in engine compartment
T2ar 2-pin connector

- (1) Earth strap, battery - body
- (49) Earth point, near ..., near battery
- (507) Threaded connection (30), on battery fuse holder

Ignition/starter switch, X-contact relief relay

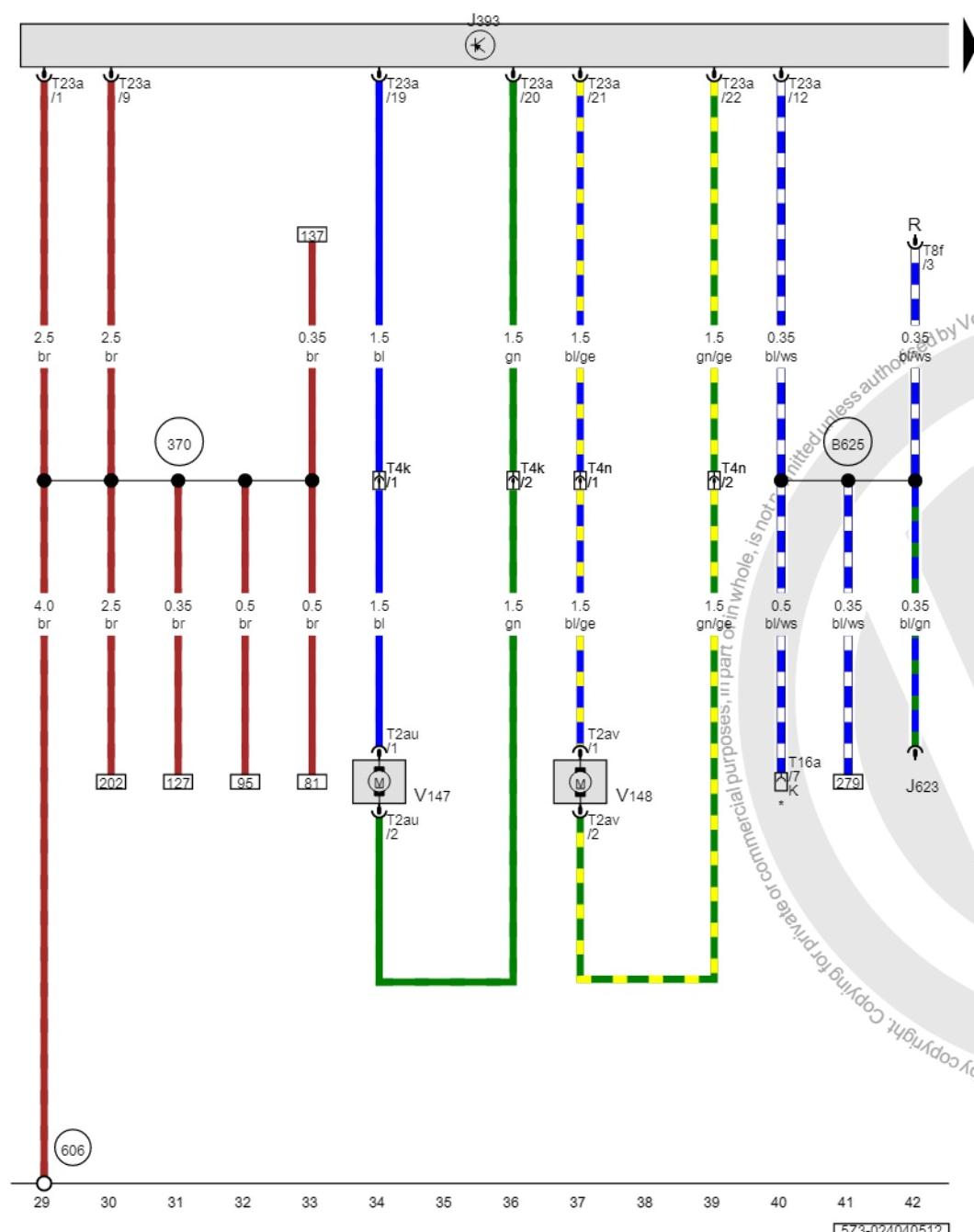


ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

- | | |
|--|--|
| D | Ignition/starter switch |
| J59 | X-contact relief relay |
| J339 | X contact relief relay 2 |
| J404 | Terminal 15 relief relay |
| J623 | Engine control unit |
| J917 | Control unit for lighting and wiper functions |
| T6am | 6-pin connector |
| T6d | 6-pin connector |
| T9s | 9-pin connector |
| T10h | 10-pin connector |
| T16d | 16-pin connector |
|  B272 | Positive connection (30), in main wiring harness |
|  B275 | Positive connection (87), in main wiring harness |
|  B298 | Positive connection 2 (30), in main wiring harness |
|  B300 | Positive connection 4 (30), in main wiring harness |
|  B346 | Connection 1 (75), in main wiring harness |
|  B729 | Connection 1 (50), in main wiring harness |

* Only models with automated manual gearbox

* Only models with automated manual gearbox



Convenience system central control unit, Driver side
window regulator motor, Front passenger side window
regulator motor

J393 Convenience system central control unit

J623 Engine control unit

R Radio

T2au 2-pin connector

T2av 2-pin connector

T4k 4-pin connector, in front left door

T4n 4-pin connector, in front right door

T8f 8-pin connector

T16a 16-pin connector

T23a 23-pin connector

V147 Driver side window regulator motor

V148 Front passenger side window regulator motor

370 Earth connection 5, in main wiring harness

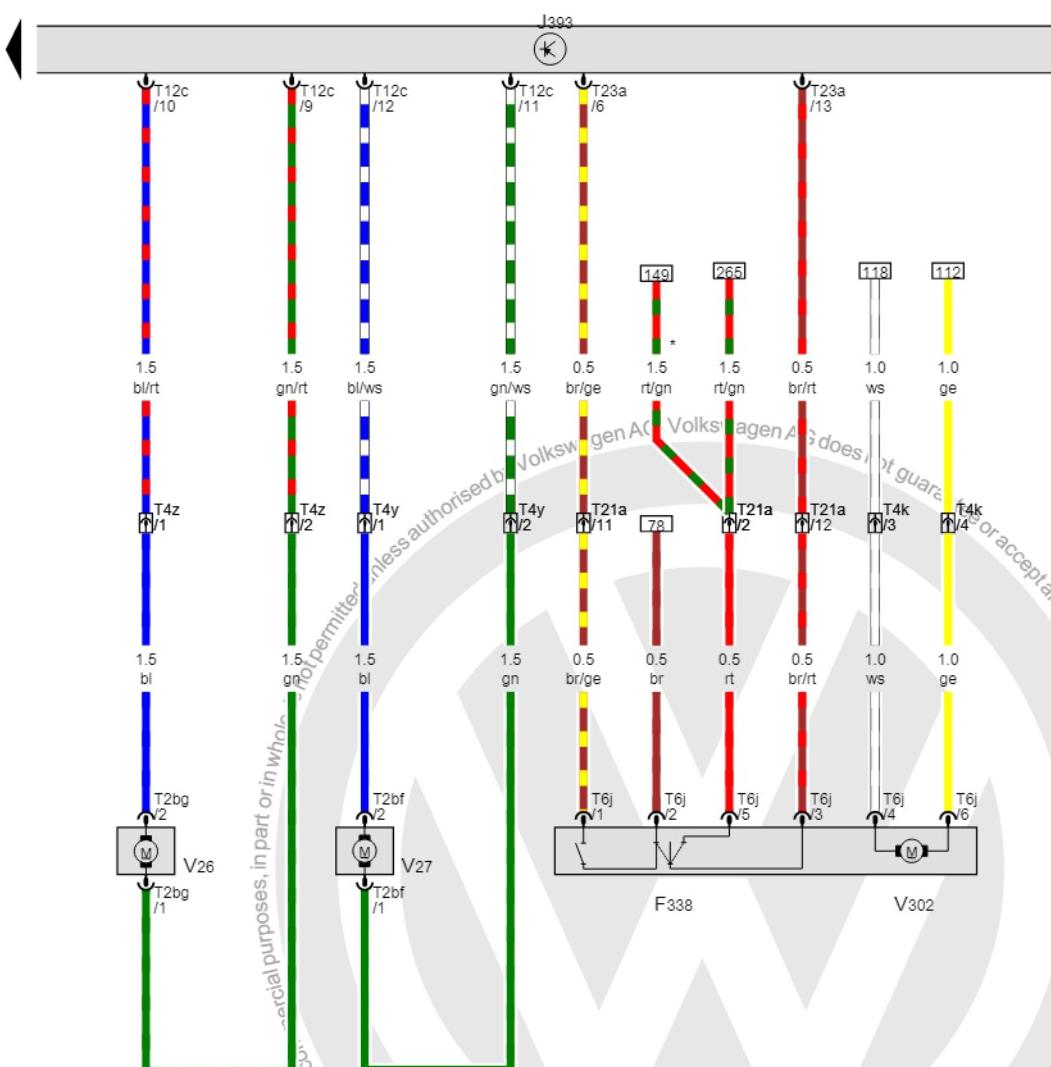
606 Earth point, under the centre console near gear stick

B625 Connection (K-diagnosis wire), in main wiring harness

* Diagnostic connection

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

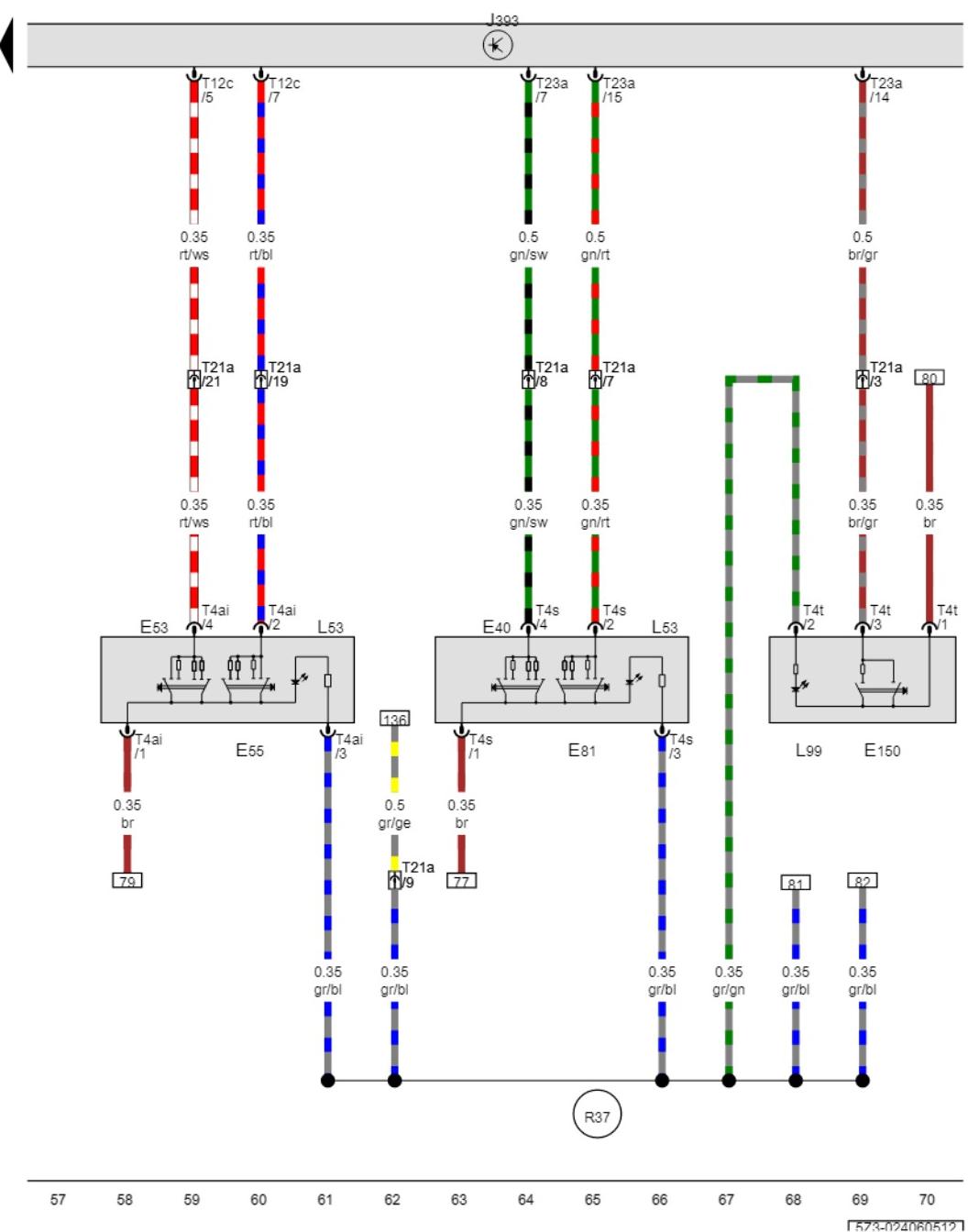
Copyright by Volkswagen AG.
Copying or printing of commercial purposes, in part or in whole, is not
permitted.



Driver door power latching system contact switch,
Convenience system central control unit, Rear left window
regulator motor, Rear right window regulator motor, Driver
door power latching motor

- F338 Driver door power latching system contact switch
 J393 Convenience system central control unit
 T2bf 2-pin connector
 T2bg 2-pin connector
 T4k 4-pin connector, in front left door
 T4y 4-pin connector, in rear right door
 T4z 4-pin connector, in rear left door
 T6j 6-pin connector
 T12c 12-pin connector
 T21a 21-pin connector, in front left door
 T23a 23-pin connector
 V26 Rear left window regulator motor
 V27 Rear right window regulator motor
 V302 Driver door power latching motor

* Only CROSS models



Front left window regulator switch, Rear left window regulator switch, in driver door, Rear right window regulator switch, in driver door, Front right window regulator switch in driver door, Driver side interior locking switch, Convenience system central control unit

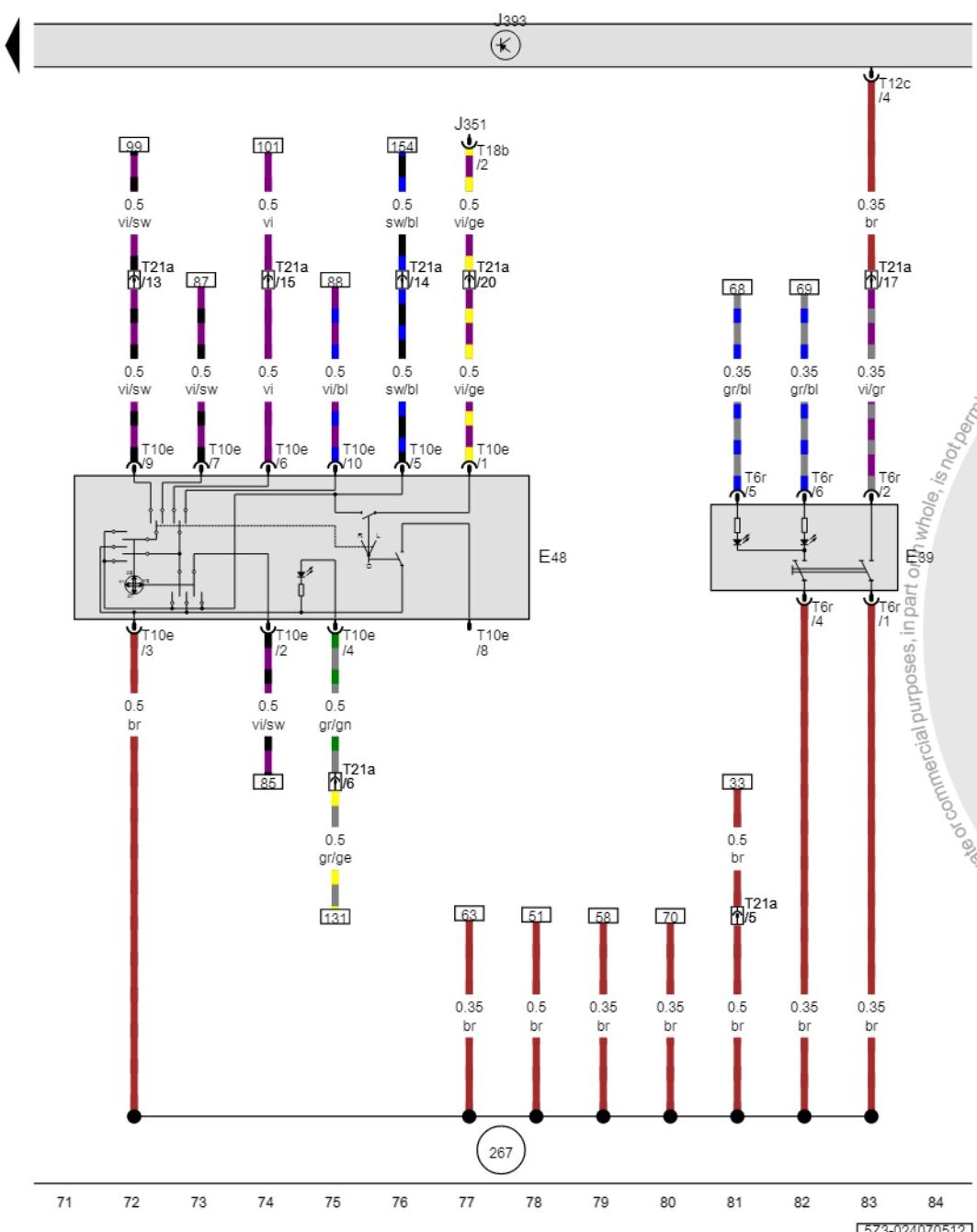
- E40 Front left window regulator switch
 - E53 Rear left window regulator switch, in driver door
 - E55 Rear right window regulator switch, in driver door
 - E81 Front right window regulator switch in driver door
 - E150 Driver side interior locking switch
 - J393 Convenience system central control unit
 - L53 Window regulator switch illumination bulb
 - L99 Interior lock switch illumination bulb
 - T4ai 4-pin connector
 - T4s 4-pin connector
 - T4t 4-pin connector
 - T12c 12-pin connector
 - T21a 21-pin connector, in front left door
 - T23a 23-pin connector

The image features a large, semi-transparent Volkswagen logo watermark centered on the page. The logo consists of a stylized 'V' and 'W' formed by overlapping curved bands of varying shades of grey. The background of the slide is white.

R37 Connection 1 (window regulator), in driver door wiring harness

Protected by copyright. Copying or
any mobility with respect to the correctness of information in this document. Copyright by Volkswagen AG.

white
black
red
blue
green
grey
purple
purple
yellow
orange
pink

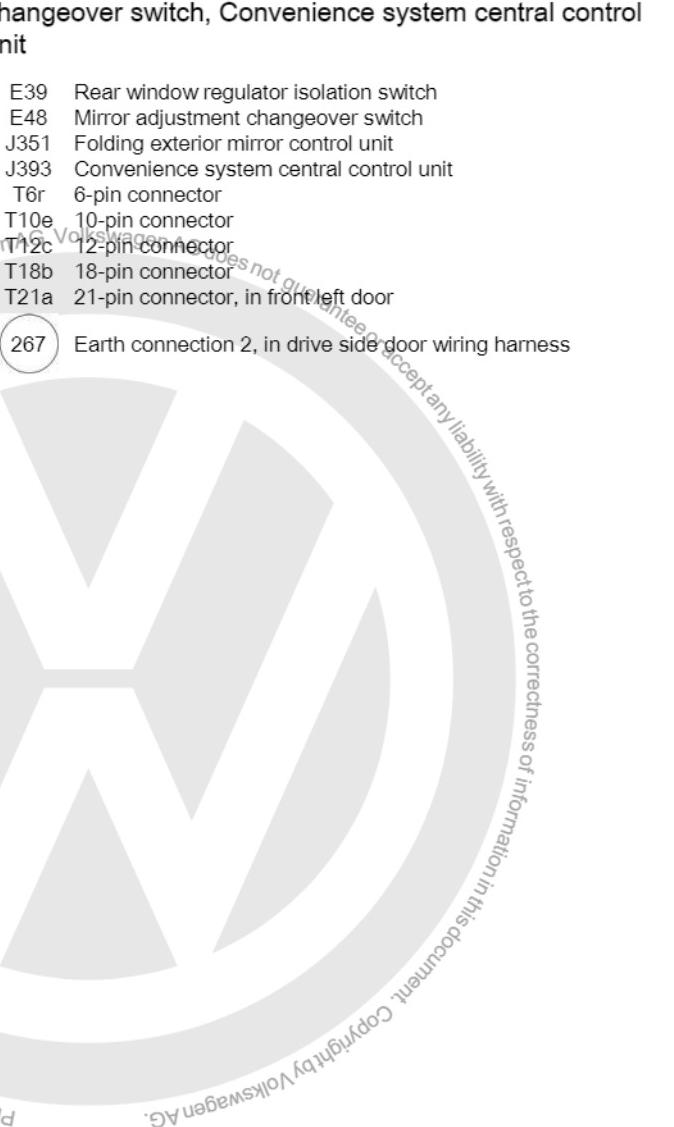


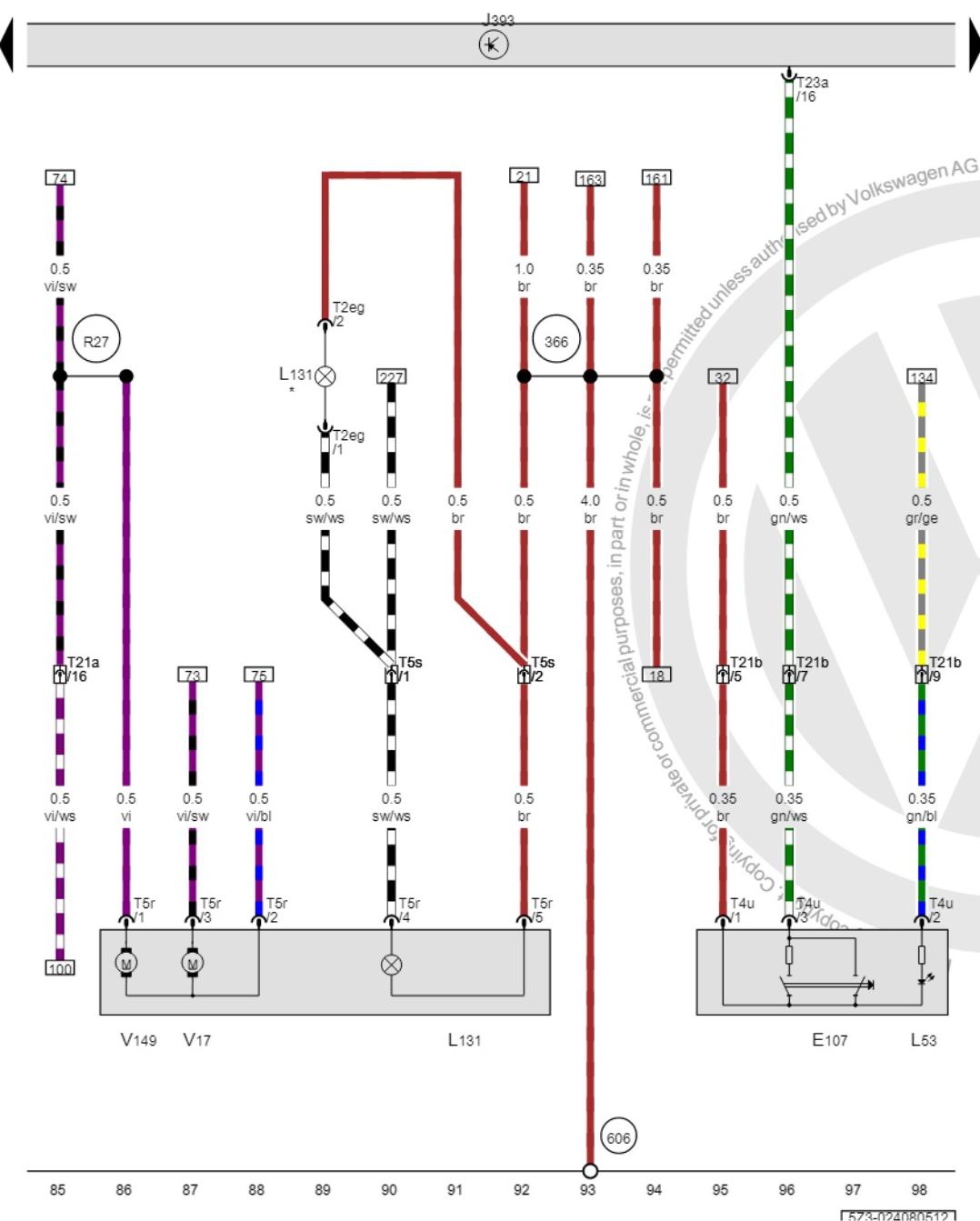
Rear window regulator isolation switch, Mirror adjustment
changeover switch, Convenience system central control
unit

- E39 Rear window regulator isolation switch
- E48 Mirror adjustment changeover switch
- J351 Folding exterior mirror control unit
- J393 Convenience system central control unit
- T6r 6-pin connector
- T10e 10-pin connector
- T12c 12-pin connector
- T18b 18-pin connector
- T21a 21-pin connector, in front left door

267 Earth connection 2, in drive side door wiring harness

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink





Window regulator switch in front passenger door,
Convenience system central control unit, Window regulator
switch illumination bulb, Driver side turn signal repeater
bulb, Driver side mirror adjustment motor

- E107 Window regulator switch in front passenger door
J393 Convenience system central control unit
L53 Window regulator switch illumination bulb
L131 Driver side turn signal repeater bulb
T21a 21-pin connector, in front left door
T21b 21-pin connector, in front right door
T23a 23-pin connector
V17 Driver side mirror adjustment motor
V149 Driver side mirror adjustment motor

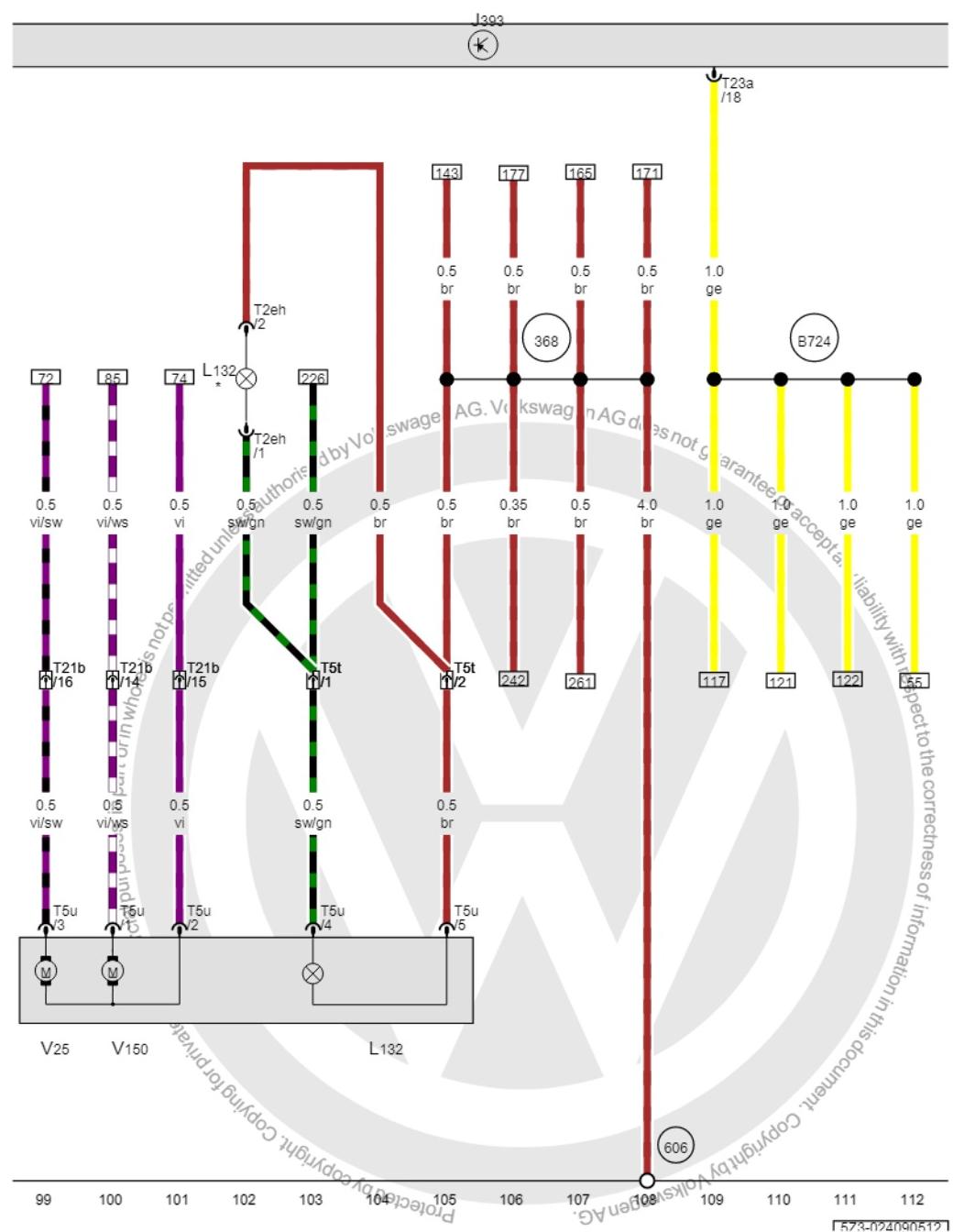
 366 Earth connection 1, in main wiring harness

 606 Earth point, under the centre console near gear stick

 R27 Connection (mirror adjustment), in driver door wiring harness

 * Only models with no electrically adjustable exterior mirrors

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

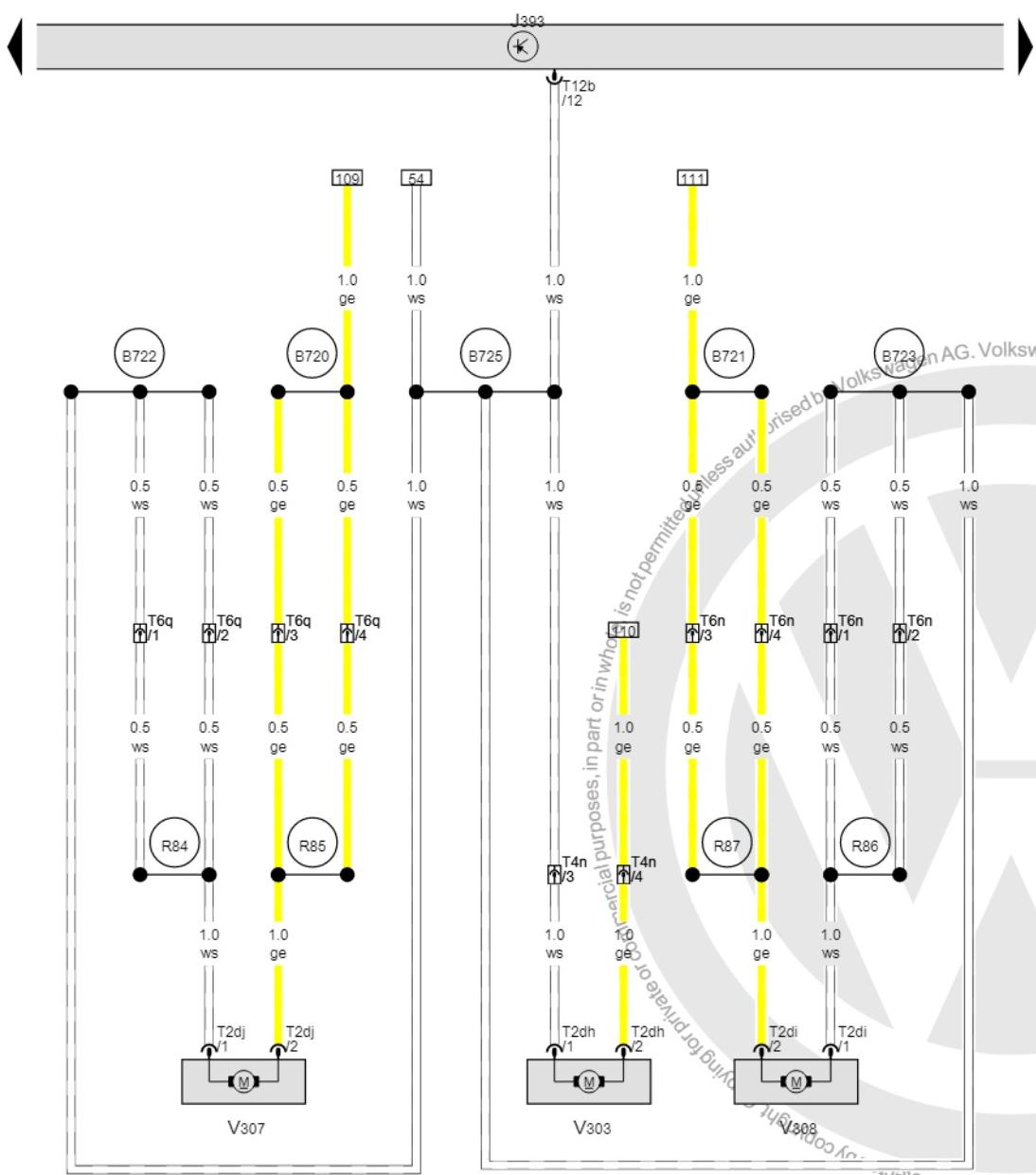


Convenience system central control unit, Front passenger side turn signal repeater bulb, Front passenger side mirror adjustment motor

- J393 Convenience system central control unit
- L132 Front passenger side turn signal repeater bulb
- T2eh 2-pin connector
- T5t 5-pin connector, in front right door
- T5u 5-pin connector
- T21b 21-pin connector, in front right door
- T23a 23-pin connector
- V25 Front passenger side mirror adjustment motor
- V150 Front passenger side mirror adjustment motor
- 368 Earth connection 3, in main wiring harness
- 606 Earth point, under the centre console near gear stick
- B724 Connection (central locking unlocked), in main wiring harness

* Only models with no electrically adjustable exterior mirrors

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

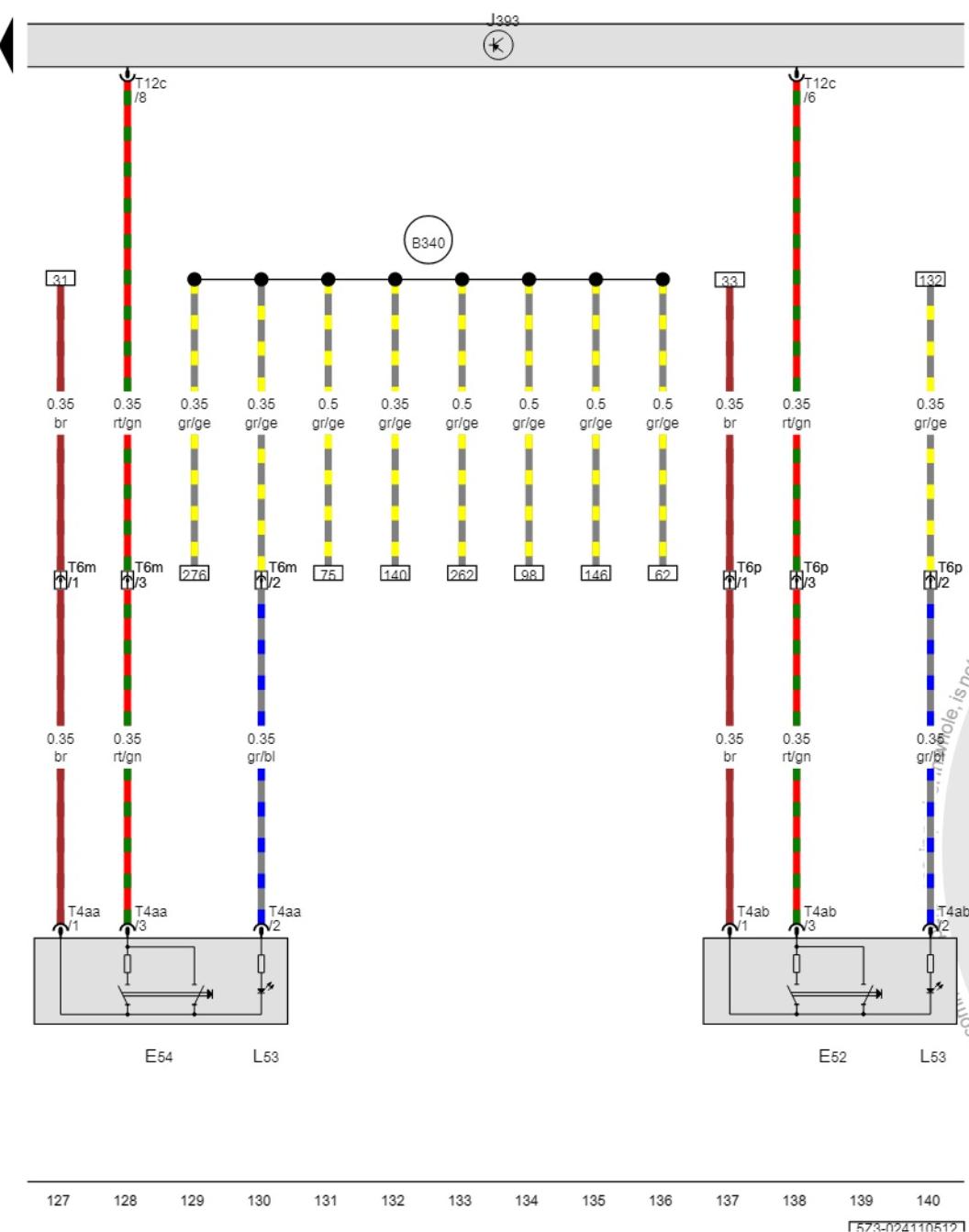


Convenience system central control unit, Front passenger door power latching motor, Rear left power latching motor, Rear right power latching motor

J393	Convenience system central control unit
T2dh	2-pin connector
T2di	2-pin connector
T2dj	2-pin connector
T4n	4-pin connector, in front right door
T6n	6-pin connector, in rear right door
T6q	6-pin connector, in rear left door
T12b	12-pin connector
V303	Front passenger door power latching motor
V307	Rear left power latching motor
V308	Rear right power latching motor
B720	Connection 1 (central locking), in main wiring harness
B721	Connection 2 (central locking), in main wiring harness
B722	Connection 3 (central locking), in main wiring harness
B723	Connection 4 (central locking), in main wiring harness
B725	Connection (central locking locked), in main wiring harness
R84	Connection 1 (central locking), in rear left door wiring harness
R85	Connection 2 (central locking), in rear left door wiring harness
R86	Connection 1 (central locking), in rear right door wiring harness
R87	Connection 2 (central locking), in rear right door wiring harness

Legend:

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

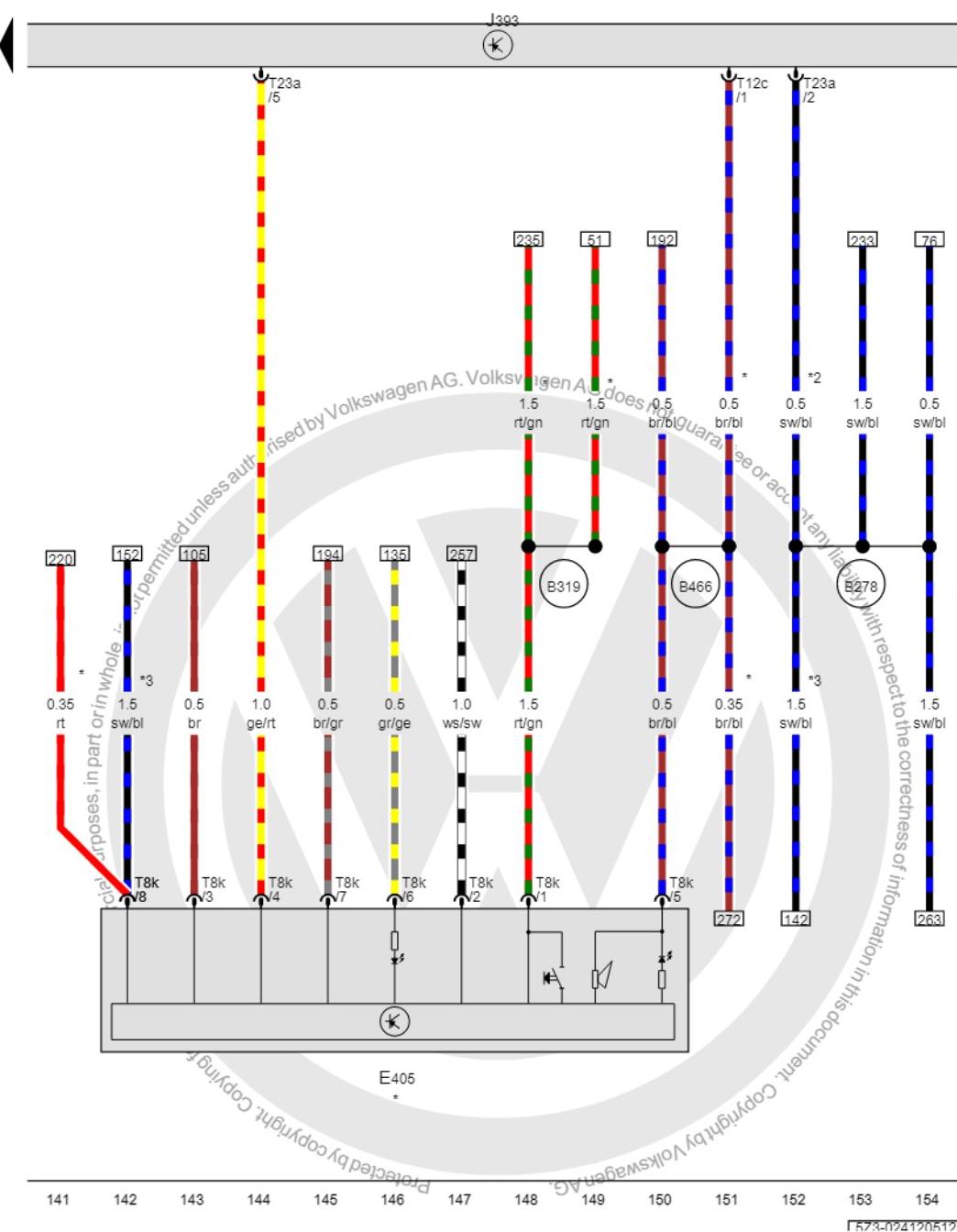


Rear left window regulator switch, in door, Rear right window regulator switch, in door, Convenience system central control unit, Window regulator switch illumination bulb

- | | |
|------|---|
| E52 | Rear left window regulator switch, in door |
| E54 | Rear right window regulator switch, in door |
| J393 | Convenience system central control unit |
| L53 | Window regulator switch illumination bulb |
| T4aa | 4-pin connector |
| T4ab | 4-pin connector |
| T6m | 6-pin connector, in rear right door |
| T6p | 6-pin connector, in rear left door |
| T12c | 12-pin connector |

B340 Connection 1 (58d), in main wiring harness

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink



Spare wheel release button, Convenience system central control unit

- E405 Spare wheel release button
J393 Convenience system central control unit
T8k 8-pin connector
T12c 12-pin connector
T23a 23-pin connector

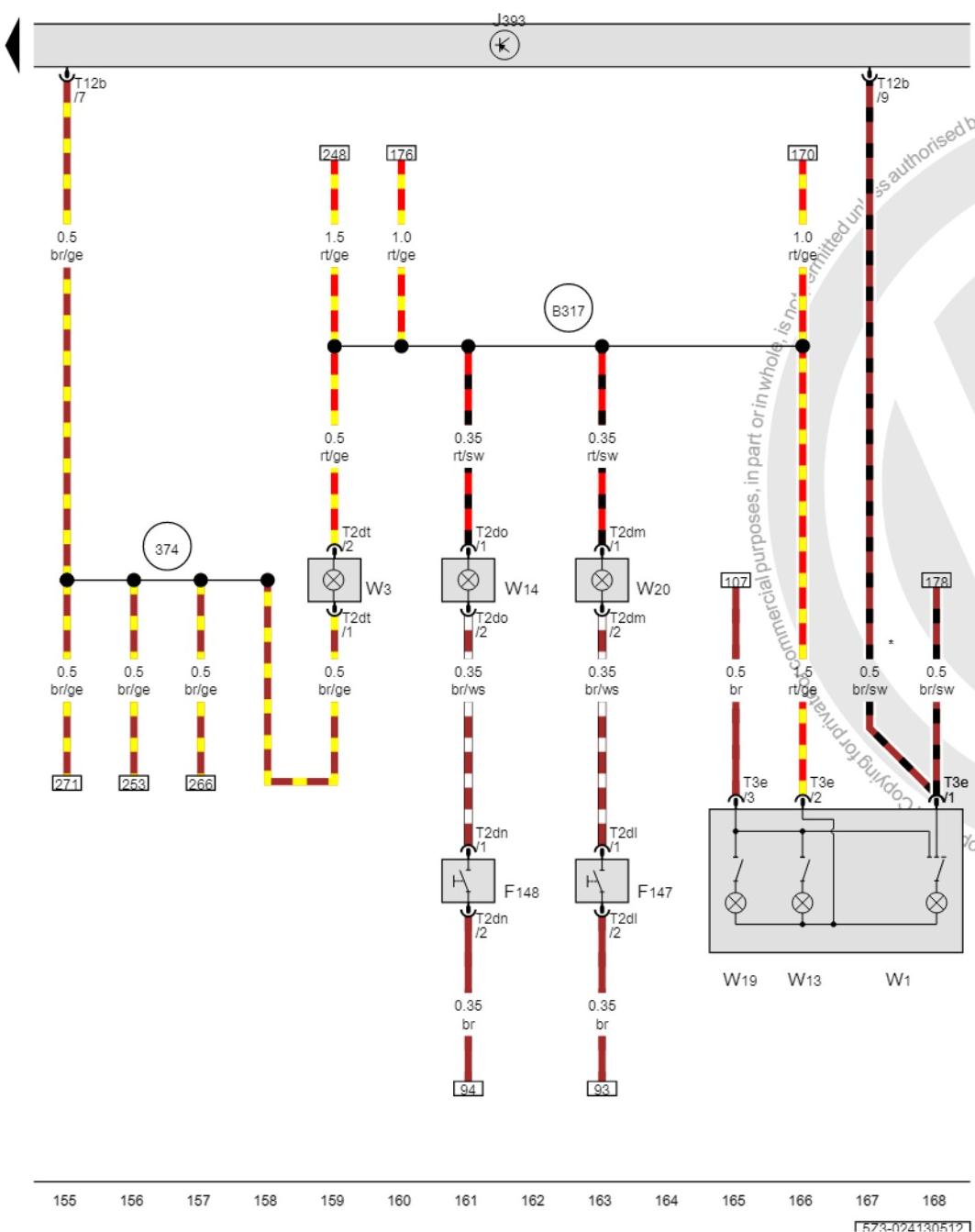
(B278) Positive connection 2 (15a) in main wiring harness

(B319) Positive connection 5 (30a) in main wiring harness

(B466) Connection 2, in main wiring harness

* Only CROSS models
*2 Only models with electric rear lid opener
*3 Only models with no anti-theft alarm system

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink



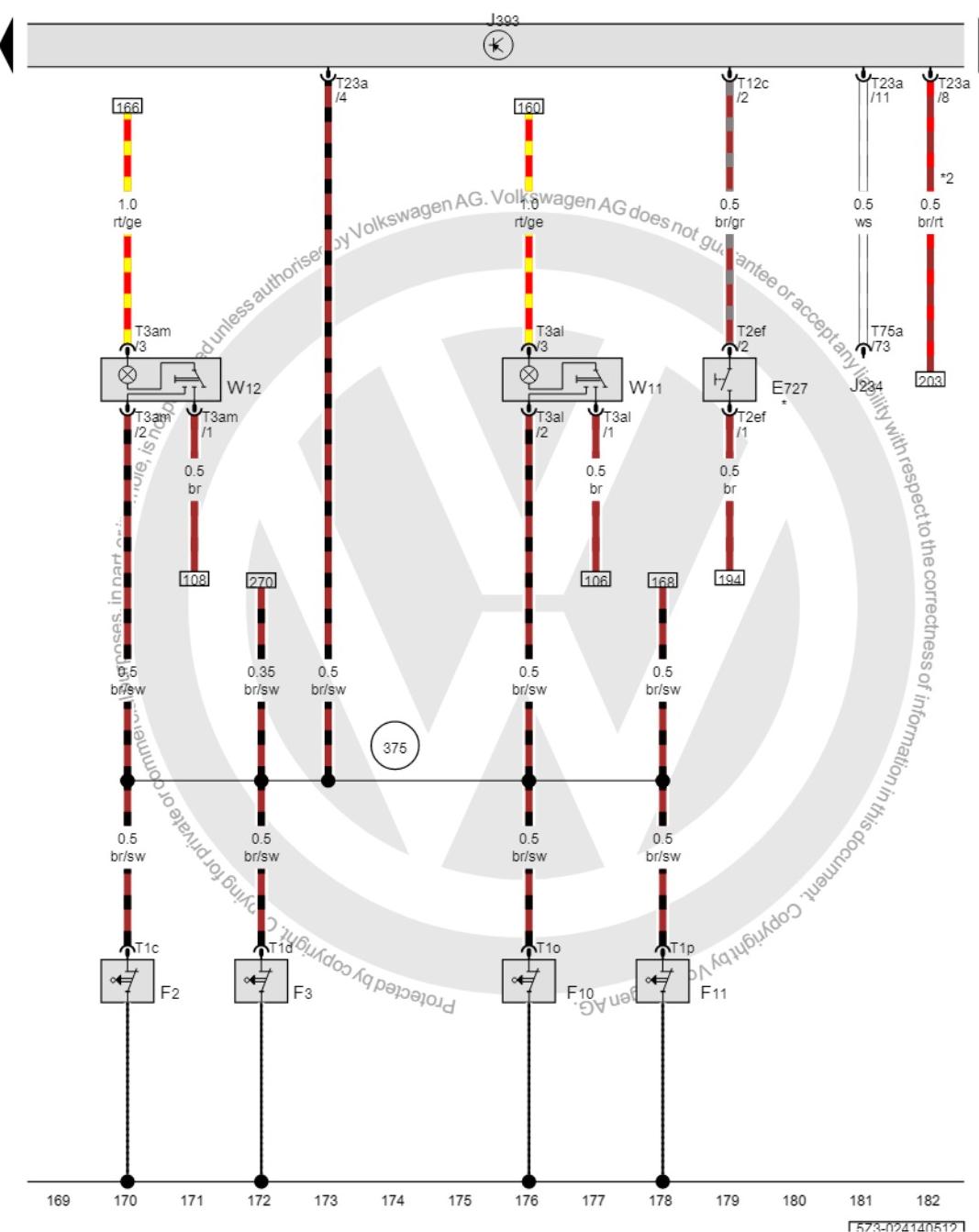
Driver vanity mirror contact switch, Front passenger vanity mirror contact switch, Convenience system central control unit, Front interior light, Luggage compartment light, Front passenger side illuminated vanity mirror, Driver side illuminated vanity mirror

- F147 Driver vanity mirror contact switch
- F148 Front passenger vanity mirror contact switch
- J393 Convenience system central control unit
- T2dl 2-pin connector
- T2dm 2-pin connector
- T2dn 2-pin connector
- T2do 2-pin connector
- T2dt 2-pin connector
- T3e 3-pin connector
- T12b 12-pin connector
- W1 Front interior light
- W3 Luggage compartment light
- W13 Front passenger reading light
- W14 Front passenger side illuminated vanity mirror
- W19 Driver side reading light
- W20 Driver side illuminated vanity mirror

374 Earth connection 9, in main wiring harness

B317 Positive connection 3 (30a) in main wiring harness

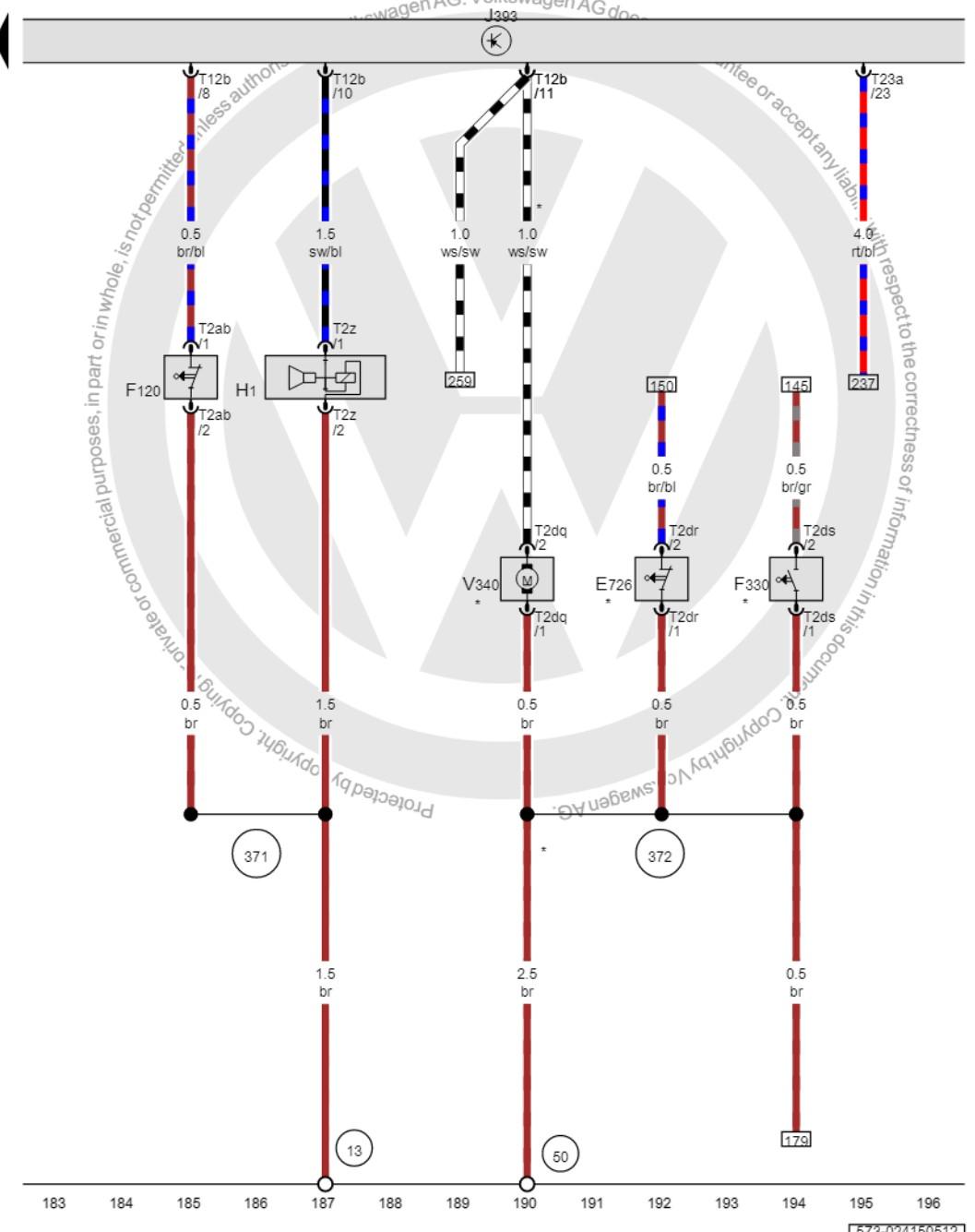
* Only models with remote controlled central locking



Spare wheel release switch, Driver door contact switch, Front passenger door contact switch, Rear left door contact switch, Rear right door contact switch, Convenience system central control unit, Rear left reading light, Rear right reading light

- | | |
|------|---|
| E727 | Spare wheel release switch |
| F2 | Driver door contact switch |
| F3 | Front passenger door contact switch |
| F10 | Rear left door contact switch |
| F11 | Rear right door contact switch |
| J234 | Airbag control unit |
| J393 | Convenience system central control unit |
| T1c | Single connector |
| T1d | Single connector |
| T1o | Single connector |
| T1p | Single connector |
| T2ef | 2-pin connector |
| T3al | 3-pin connector |
| T3am | 3-pin connector |
| T12c | 12-pin connector |
| T23a | 23-pin connector |
| T75a | 75-pin connector |
| W11 | Rear left reading light |
| W12 | Rear right reading light |
| 375 | Earth connection 10, in main wiring harness |
| * | Only CROSS models |
| *2 | For models with anti-theft alarm system |

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink



Spare wheel release enable button, Anti-theft alarm and vermin repellent system contact switch, Open display limit switch, Horn or dual tone horn, Convenience system central control unit, Spare wheel lock motor

E726 Spare wheel release enable button
F120 Anti-theft alarm and vermin repellent system contact switch

F330 Open display limit switch
H1 Horn or dual tone horn

J393 Convenience system central control unit
T2ab 2-pin connector

T2dq 2-pin connector

T2dr 2-pin connector

T2ds 2-pin connector

T2z 2-pin connector

T12b 12-pin connector

T23a 23-pin connector

V340 Spare wheel lock motor

13 Earth point, on right in engine compartment

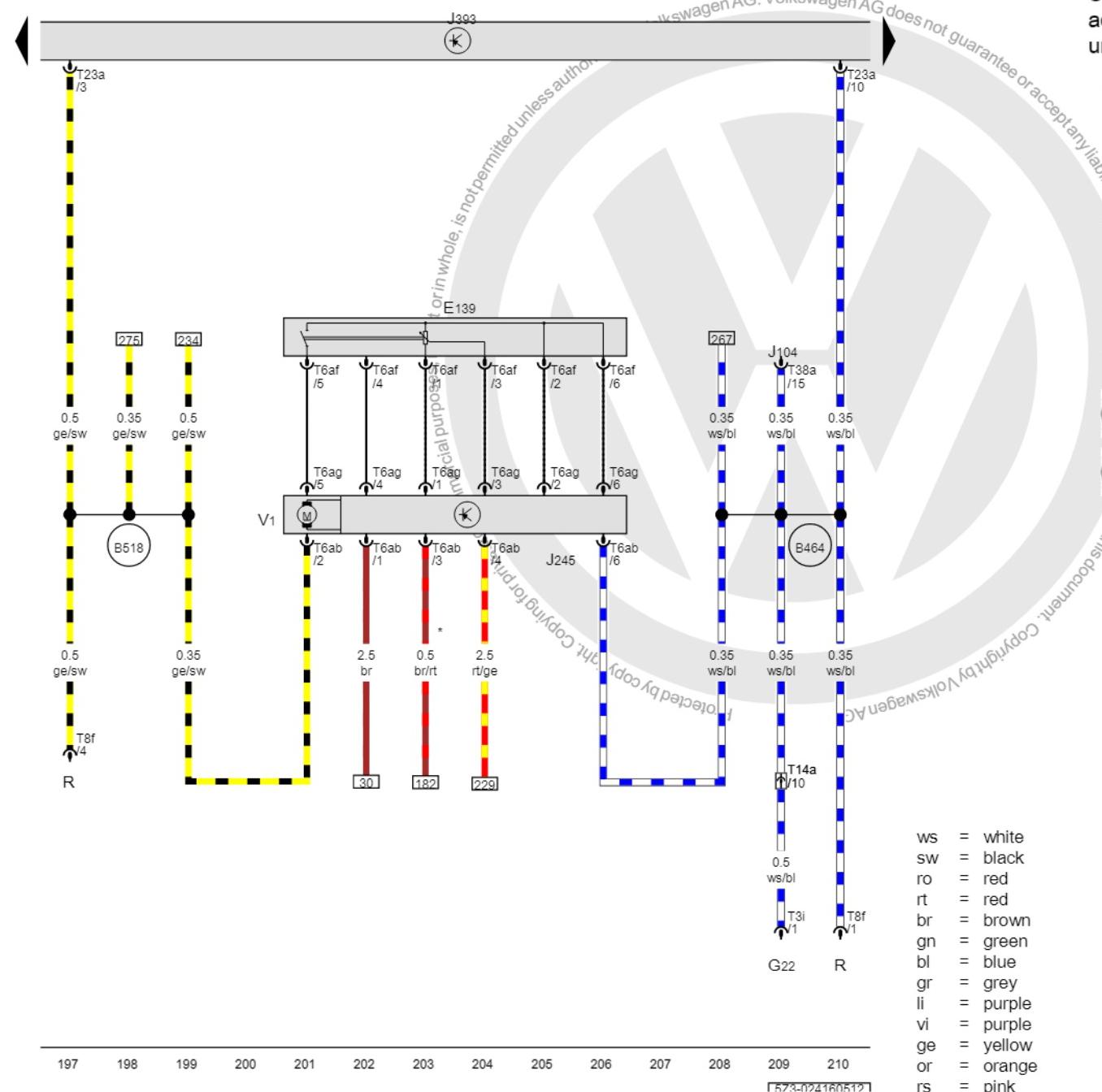
50 Earth point, on left in luggage compartment

371 Earth connection 6, in main wiring harness

372 Earth connection 7, in main wiring harness

* Only CROSS models

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

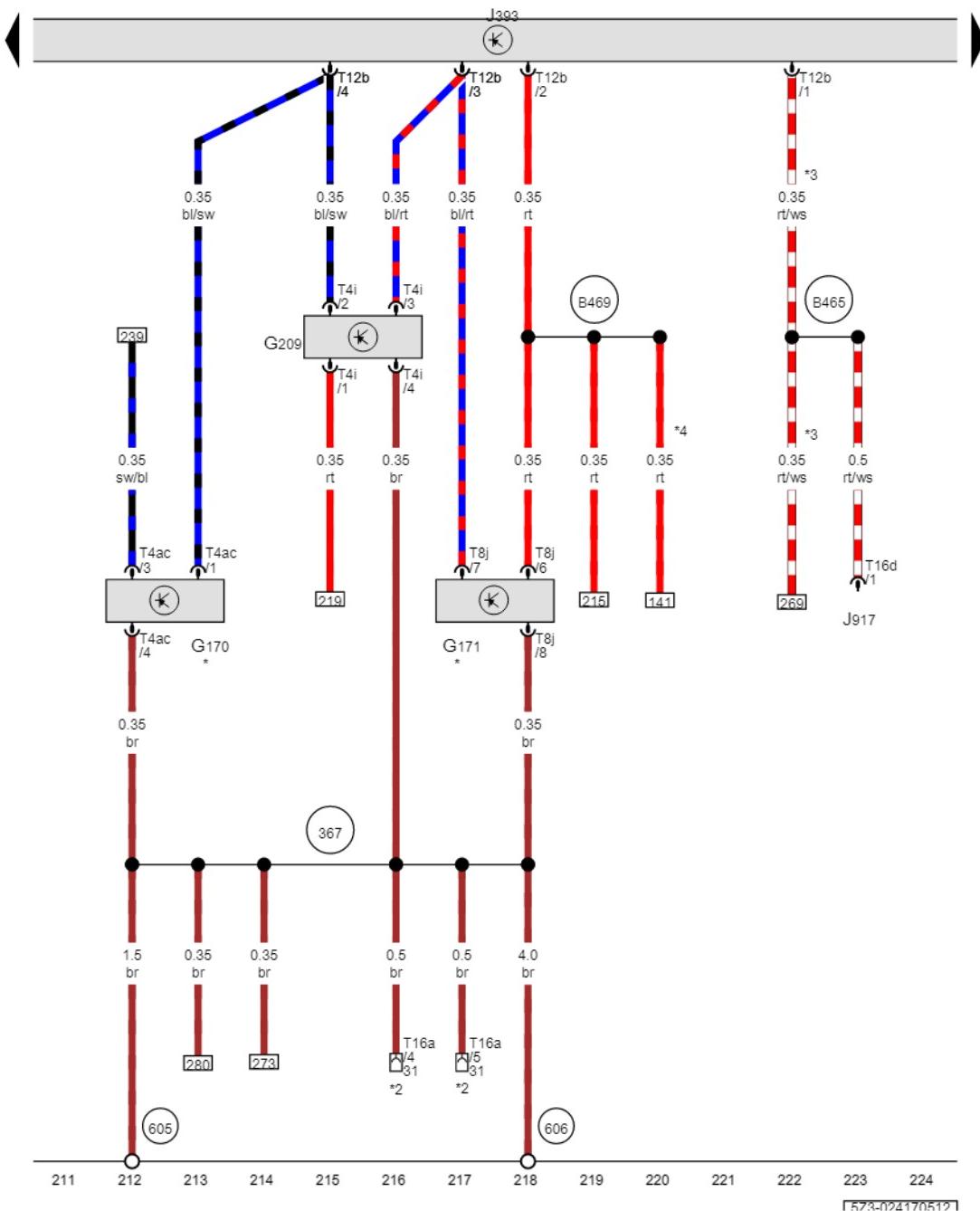


Sliding sunroof adjustment regulator, Sliding sunroof adjustment control unit, Convenience system central control unit, Sliding sunroof motor

- E139 Sliding sunroof adjustment regulator
- G22 Speedometer sender
- J104 ABS control unit
- J245 Sliding sunroof adjustment control unit
- J393 Convenience system central control unit
- R Radio
- T3i 3-pin connector
- T6ab 6-pin connector
- T6af 6-pin connector
- T6ag 6-pin connector
- T8f 8-pin connector
- T14a 14-pin connector, on left in engine compartment
- T23a 23-pin connector
- T38a 38-pin connector
- V1 Sliding sunroof motor
- (B464) Connection (speed signal), in main wiring harness
- (B518) Connection (86s), in main wiring harness

For models with anti-theft alarm system

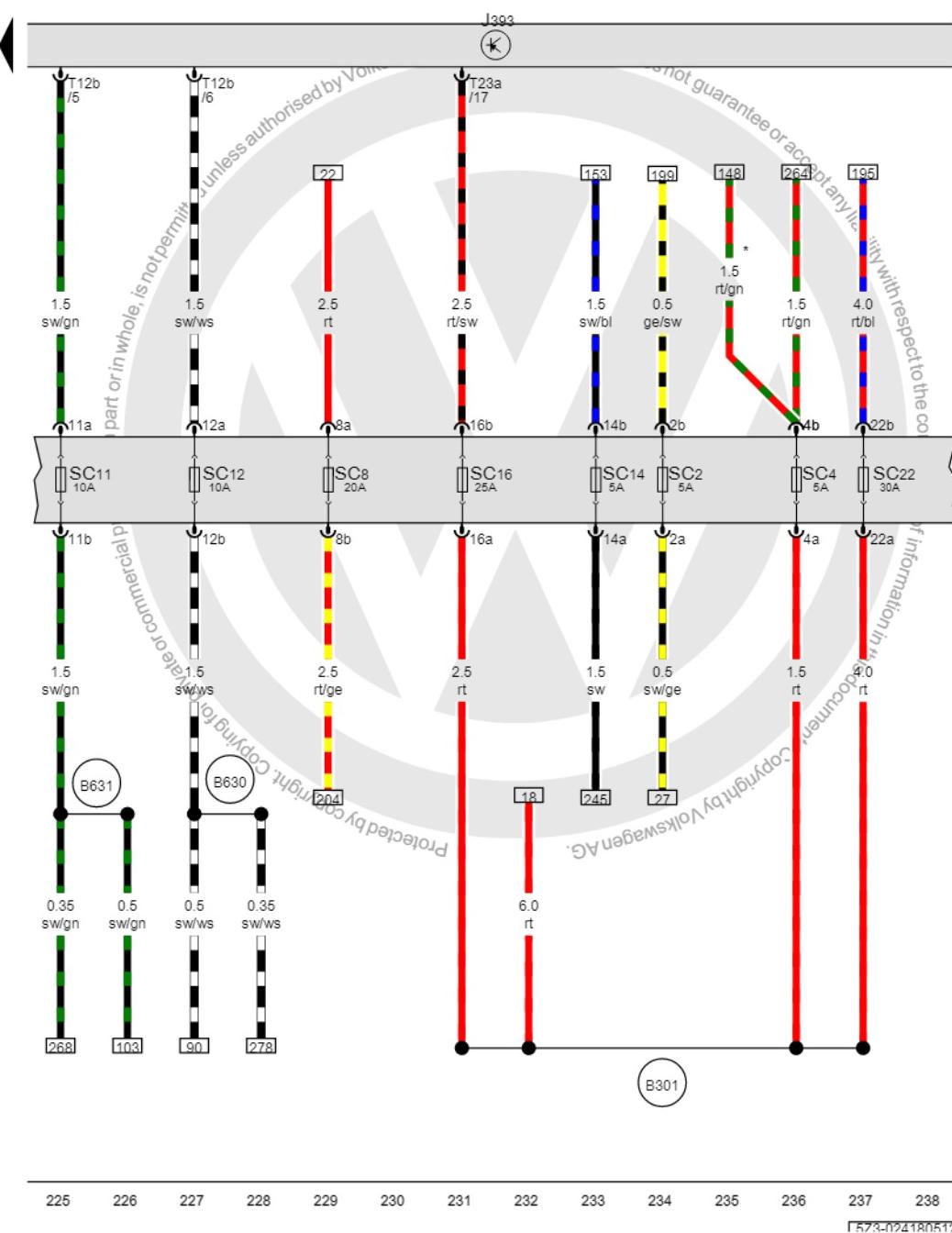
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



Left ultrasonic sensor for anti-theft alarm system, Right ultrasonic sensor for anti-theft alarm system, Anti-theft alarm ultrasonic sensor, Convenience system central control unit

- | | |
|------|---|
| G170 | Left ultrasonic sensor for anti-theft alarm system |
| G171 | Right ultrasonic sensor for anti-theft alarm system |
| G209 | Anti-theft alarm ultrasonic sensor |
| J393 | Convenience system central control unit |
| J917 | Control unit for lighting and wiper functions |
| T4ac | 4-pin connector |
| T4i | 4-pin connector |
| T8j | 8-pin connector |
| T12b | 12-pin connector |
| T16a | 16-pin connector |
| T16d | 16-pin connector |
| 367 | Earth connection 2, in main wiring harness |
| 605 | Earth point, on top end of steering column |
| 606 | Earth point, under the centre console near gear stick |
| B465 | Connection 1, in main wiring harness |
| B469 | Connection 5, in main wiring harness |
- * Only models with sliding/tilting sunroof
 *2 Diagnostic connection
 *3 Only models with control unit for lighting and wiper functions
 *4 Only CROSS models

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

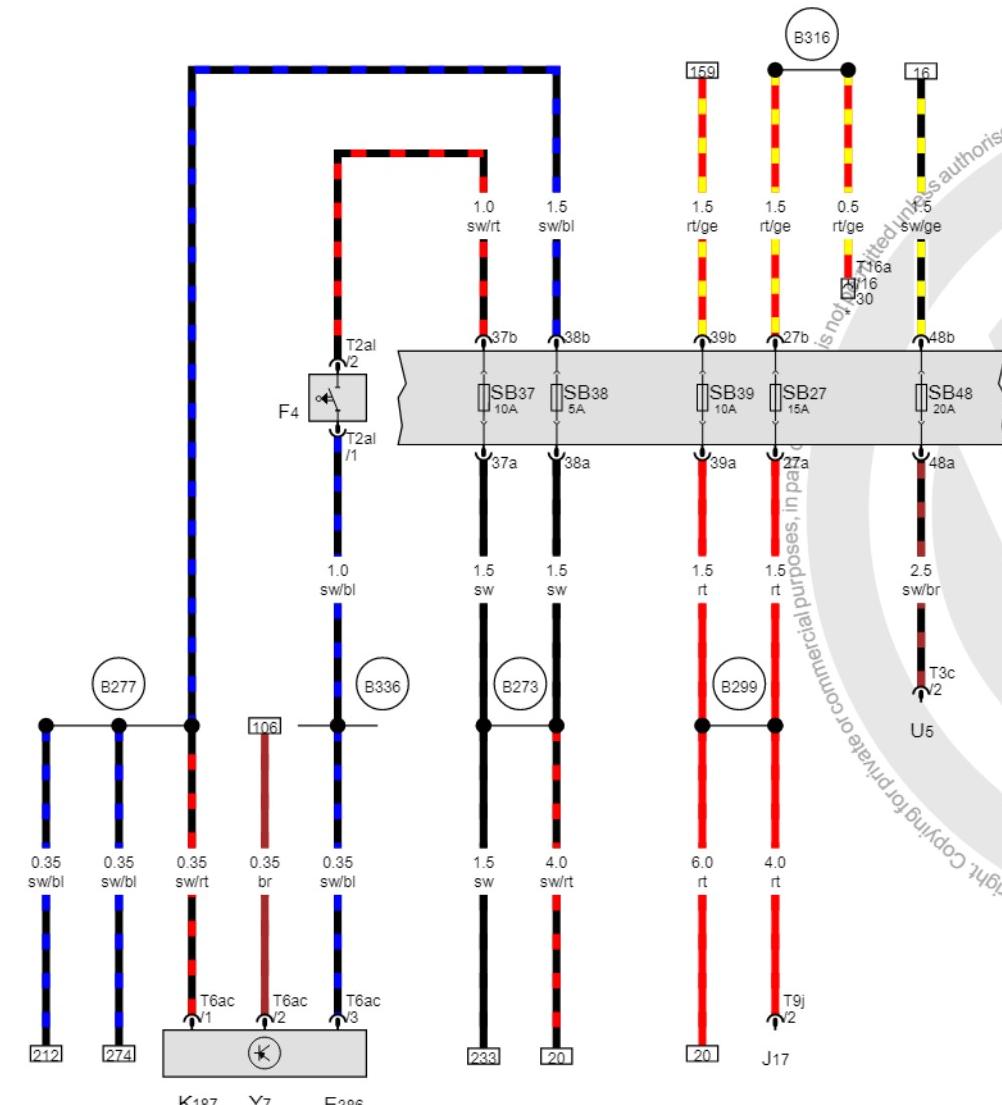


Convenience system central control unit

- | | |
|------|--|
| J393 | Convenience system central control unit |
| SC2 | Fuse 2 on fuse holder C |
| SC4 | Fuse 4 on fuse holder C |
| SC8 | Fuse 8 on fuse holder C |
| SC11 | Fuse 11 on fuse holder C |
| SC12 | Fuse 12 on fuse holder C |
| SC14 | Fuse 14 on fuse holder C |
| SC16 | Fuse 16 on fuse holder C |
| SC22 | Fuse 22 on fuse holder C |
| T12b | 12-pin connector |
| T23a | 23-pin connector |
| B301 | Positive connection 5 (30), in main wiring harness |
| B630 | Positive connection (left turn signal bulb), in main wiring harness |
| B631 | Positive connection (right turn signal bulb), in main wiring harness |
- * Only CROSS models

Anti-dazzle interior mirror button, Reversing light switch,
Anti-dazzle interior mirror warming lamp, Automatic anti-dazzle interior mirror

- E386 Anti-dazzle interior mirror button
- F4 Reversing light switch
- J17 Fuel pump relay
- K187 Anti-dazzle interior mirror warming lamp
- SB27 Fuse 27 on fuse holder B
- SB37 Fuse 37 on fuse holder B
- SB38 Fuse 38 on fuse holder B
- SB39 Fuse 39 on fuse holder B
- SB48 Fuse 48 on fuse holder B
- T2al 2-pin connector
- T3c 3-pin connector
- T6ac 6-pin connector
- T9j 9-pin connector
- T16a 16-pin connector
- U5 12 V socket
- Y7 Automatic anti-dazzle interior mirror
- B273 Positive connection (15), in main wiring harness
- B277 Positive connection 1 (15a) in main wiring harness
- B299 Positive connection 3 (30), in main wiring harness
- B316 Positive connection 2 (30a) in main wiring harness
- B336 Connection 2 (54), in main wiring harness
- * Diagnostic connection



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Rear lid release switch, Rear lid contact switch, Rear lid central locking motor

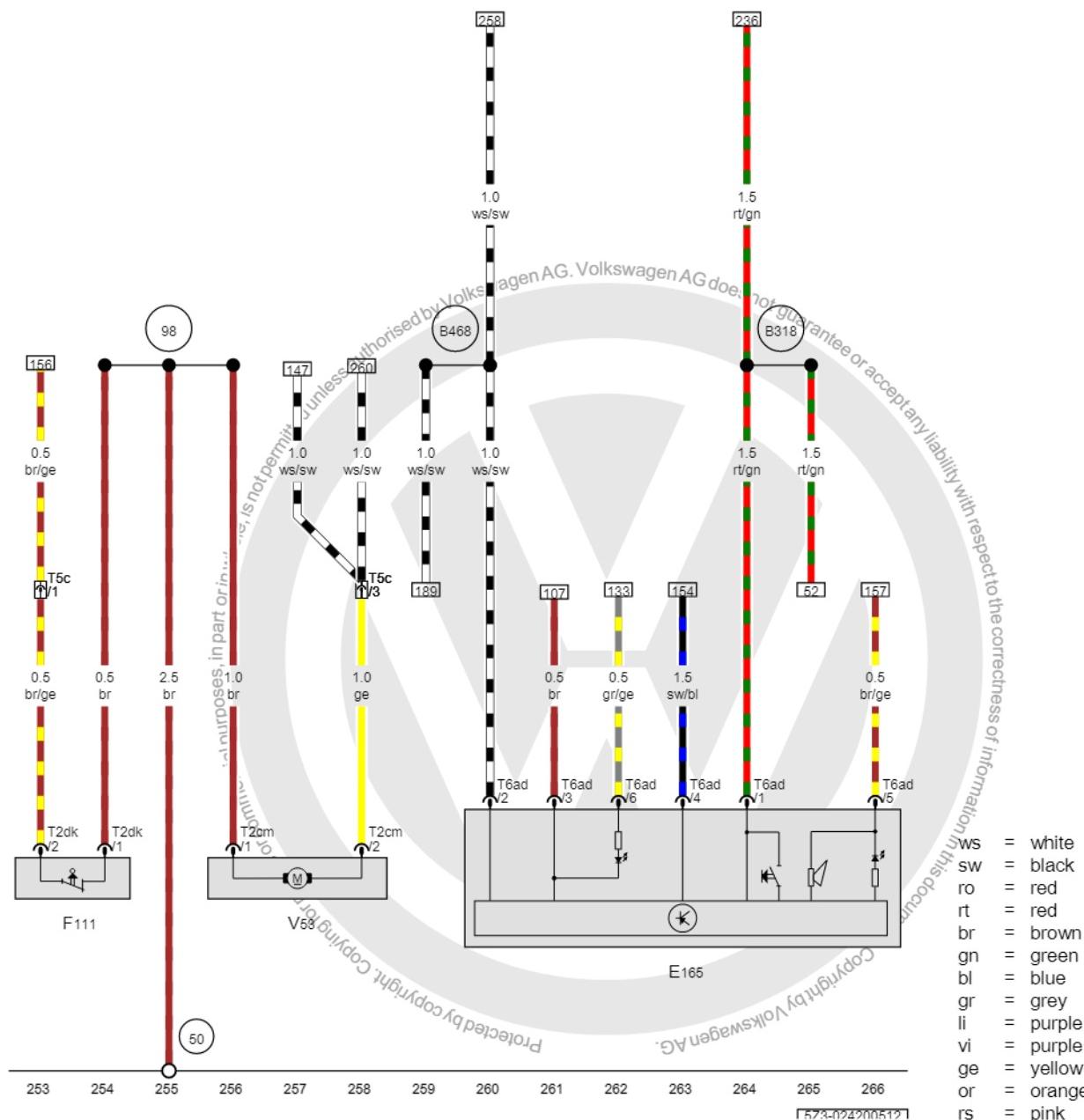
E165 Rear lid release switch
 F111 Rear lid contact switch
 T2cm 2-pin connector
 T2dk 2-pin connector
 T5c 5-pin connector, behind rear left side trim, near wheel arch
 T6ad 6-pin connector
 V53 Rear lid central locking motor

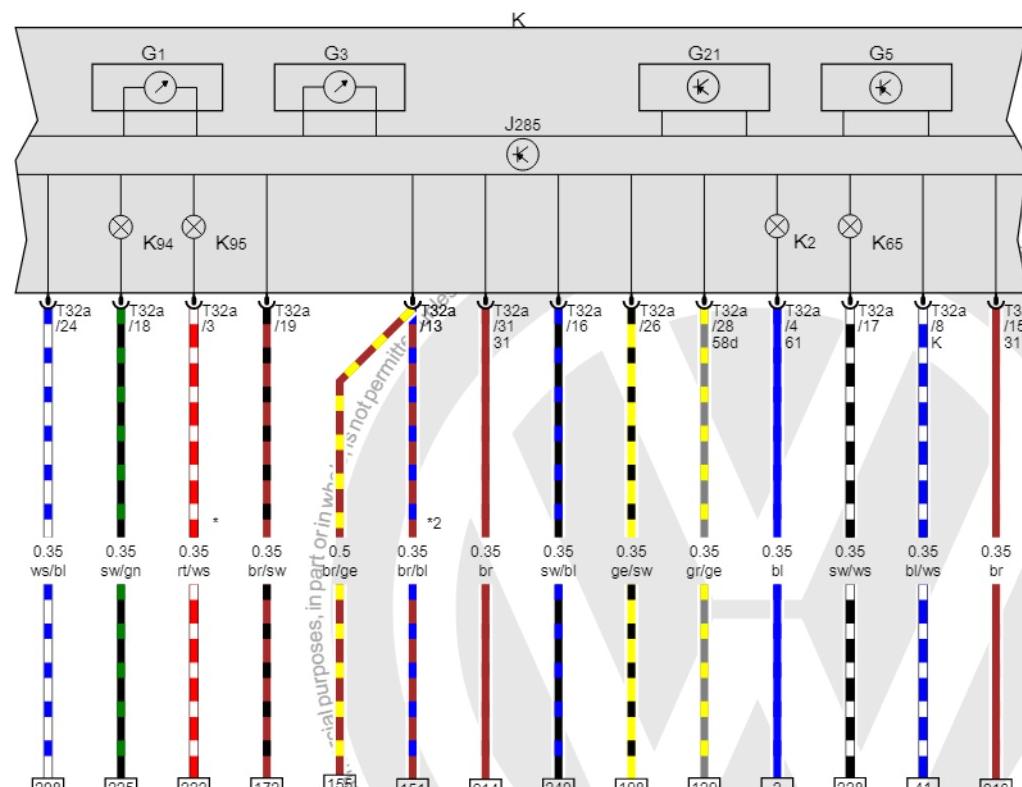
50 Earth point, on left in luggage compartment

98 Earth connection, in rear lid wiring harness

B318 Positive connection 4 (30a) in main wiring harness

B468 Connection 4, in main wiring harness





Fuel gauge, Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp, Left turn signal warning lamp, Right turn signal warning lamp, Alarm system warning lamp

- G1 Fuel gauge
- G3 Coolant temperature gauge
- G5 Rev. counter
- G21 Speedometer
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- K65 Left turn signal warning lamp
- K94 Right turn signal warning lamp
- K95 Alarm system warning lamp
- T32a 32-pin connector
- * Only models with control unit for lighting and wiper functions
- *2 Only CROSS models

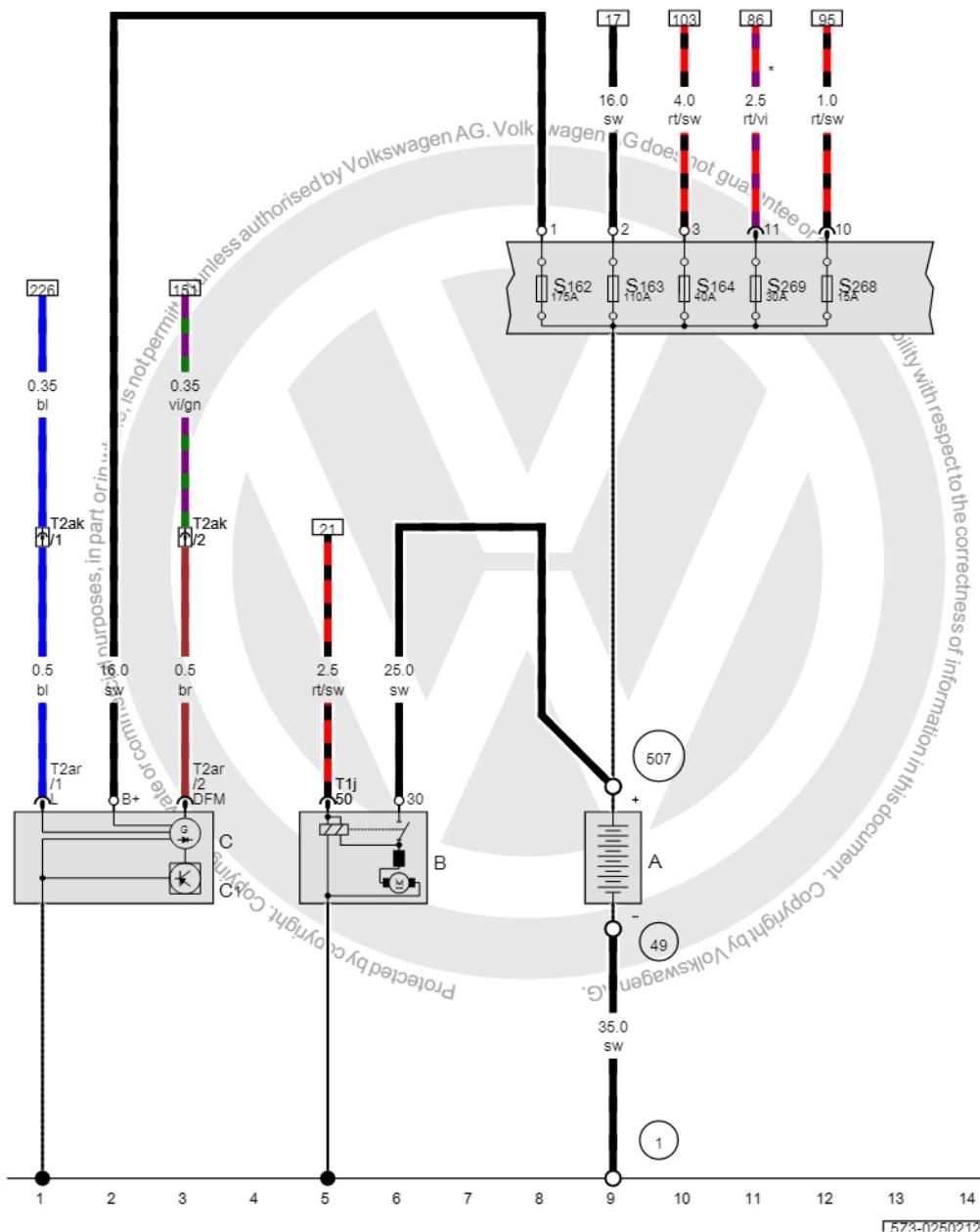
ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

1.0l engine , CCNA
From April 2012



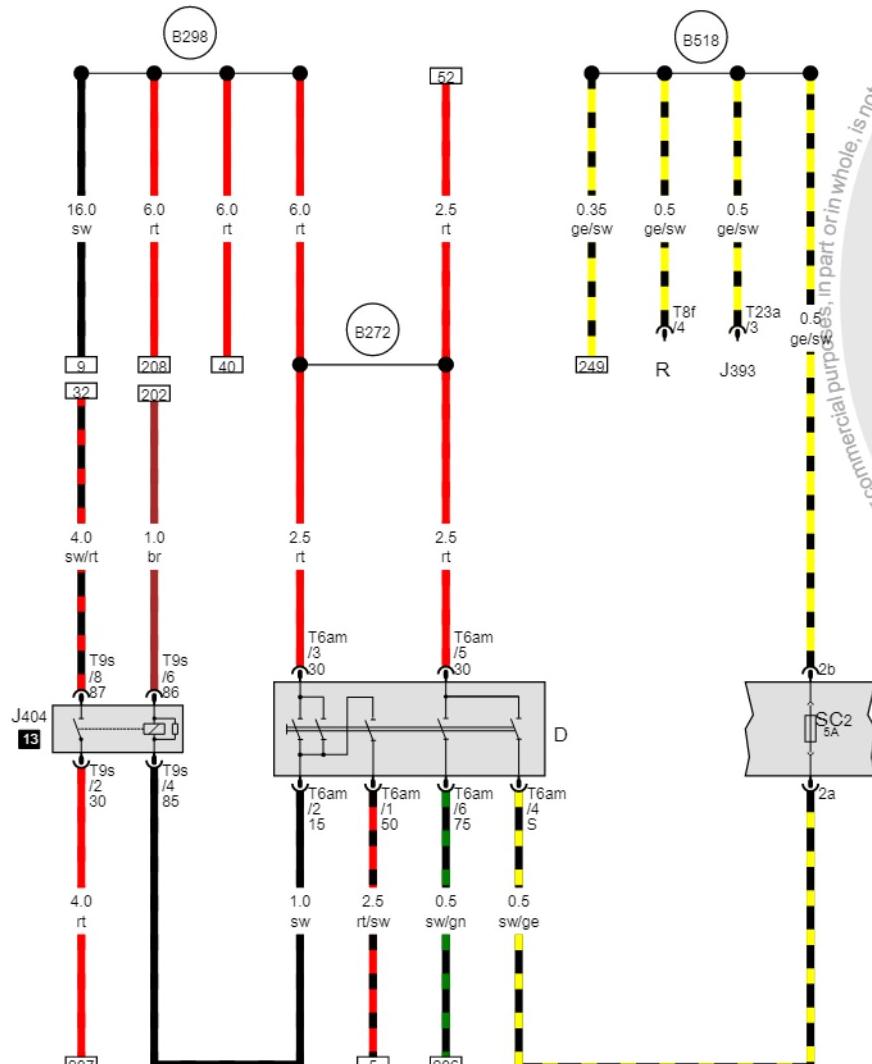
Battery, Starter, Alternator, Voltage regulator

- A Battery
 B Starter
 C Alternator
 C1 Voltage regulator
 S162 Fuse 1 (30), in battery fuse holder
 S163 Fuse 2 (30), in battery fuse holder
 S164 Fuse 3 (30), in battery fuse holder
 S268 Fuse 10 (30), in battery fuse holder
 S269 Fuse 11 (30), in battery fuse holder
 T1j Single connector
 T2ak 2-pin connector, in engine compartment
 T2ar 2-pin connector
- 1 Earth strap, battery - body
 - 49 Earth point, near ..., near battery
 - 507 Threaded connection (30), on battery fuse holder
- * Only models with air conditioning system

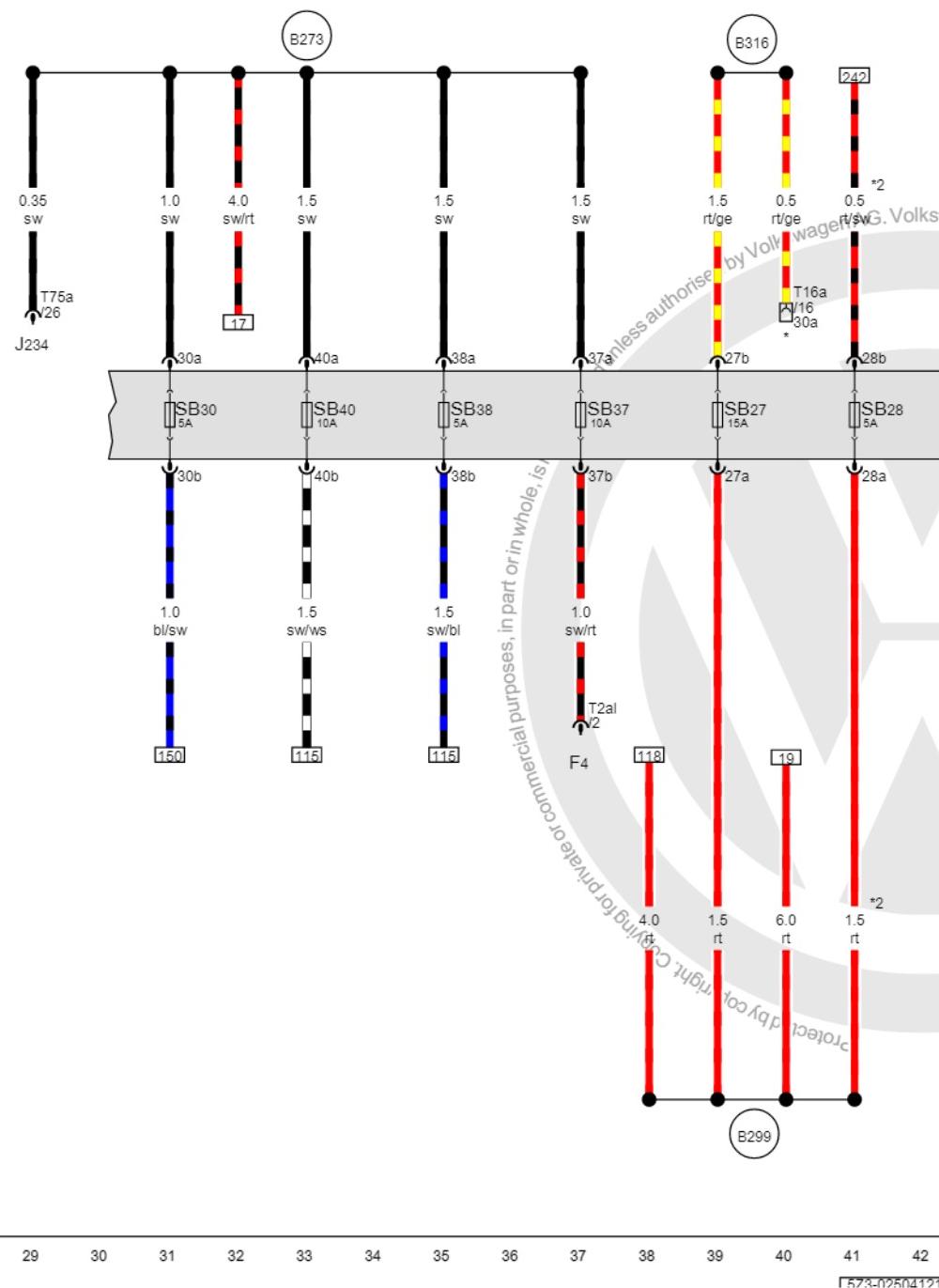


ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Ignition/starter switch, Terminal 15 relief relay



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Fuse 27 on fuse holder B, Fuse 28 on fuse holder B, Fuse 30 on fuse holder B, Fuse 37 on fuse holder B, Fuse 38 on fuse holder B, Fuse 40 on fuse holder B

- F4 Reversing light switch
- J234 Airbag control unit
- SB27 Fuse 27 on fuse holder B
- SB28 Fuse 28 on fuse holder B
- SB30 Fuse 30 on fuse holder B
- SB37 Fuse 37 on fuse holder B
- SB38 Fuse 38 on fuse holder B
- SB40 Fuse 40 on fuse holder B
- T2al 2-pin connector
- T16a 16-pin connector
- T75a 75-pin connector

(B273) Positive connection (15), in main wiring harness

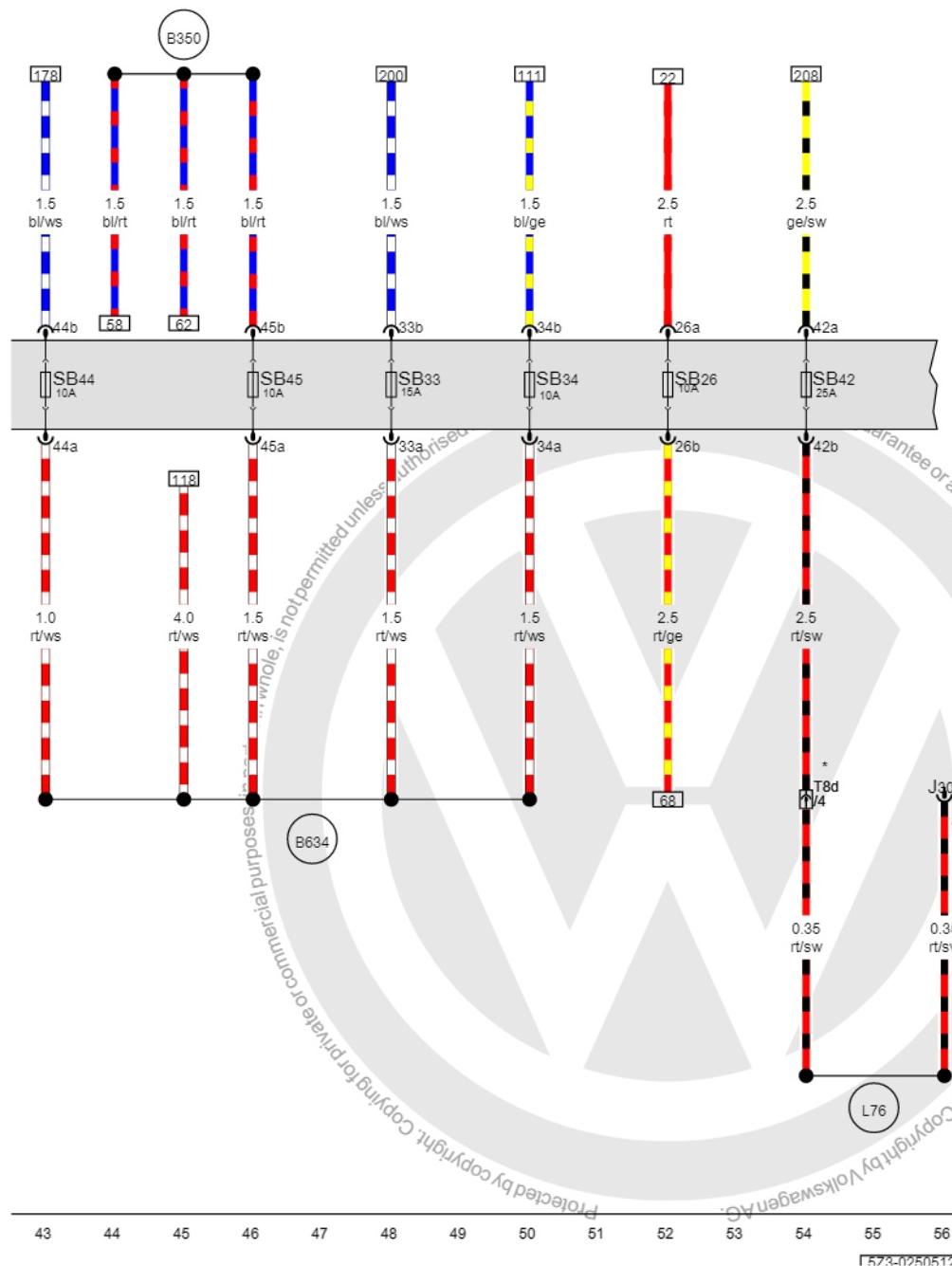
(B299) Positive connection 3 (30), in main wiring harness

(B316) Positive connection 2 (30a) in main wiring harness

* Diagnostic connection

*2 Only models with air conditioning system

ws = white
 sw = black
 rt = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Fuse 26 on fuse holder B, Fuse 33 on fuse holder B, Fuse 34 on fuse holder B, Fuse 42 on fuse holder B, Fuse 44 on fuse holder B, Fuse 45 on fuse holder B

J301 Air conditioning system control unit

SB26 Fuse 26 on fuse holder B

SB33 Fuse 33 on fuse holder B

SB34 Fuse 34 on fuse holder B

SB42 Fuse 42 on fuse holder B

SB44 Fuse 44 on fuse holder B

SB45 Fuse 45 on fuse holder B

T8d 8-pin connector, behind dash panel, centre

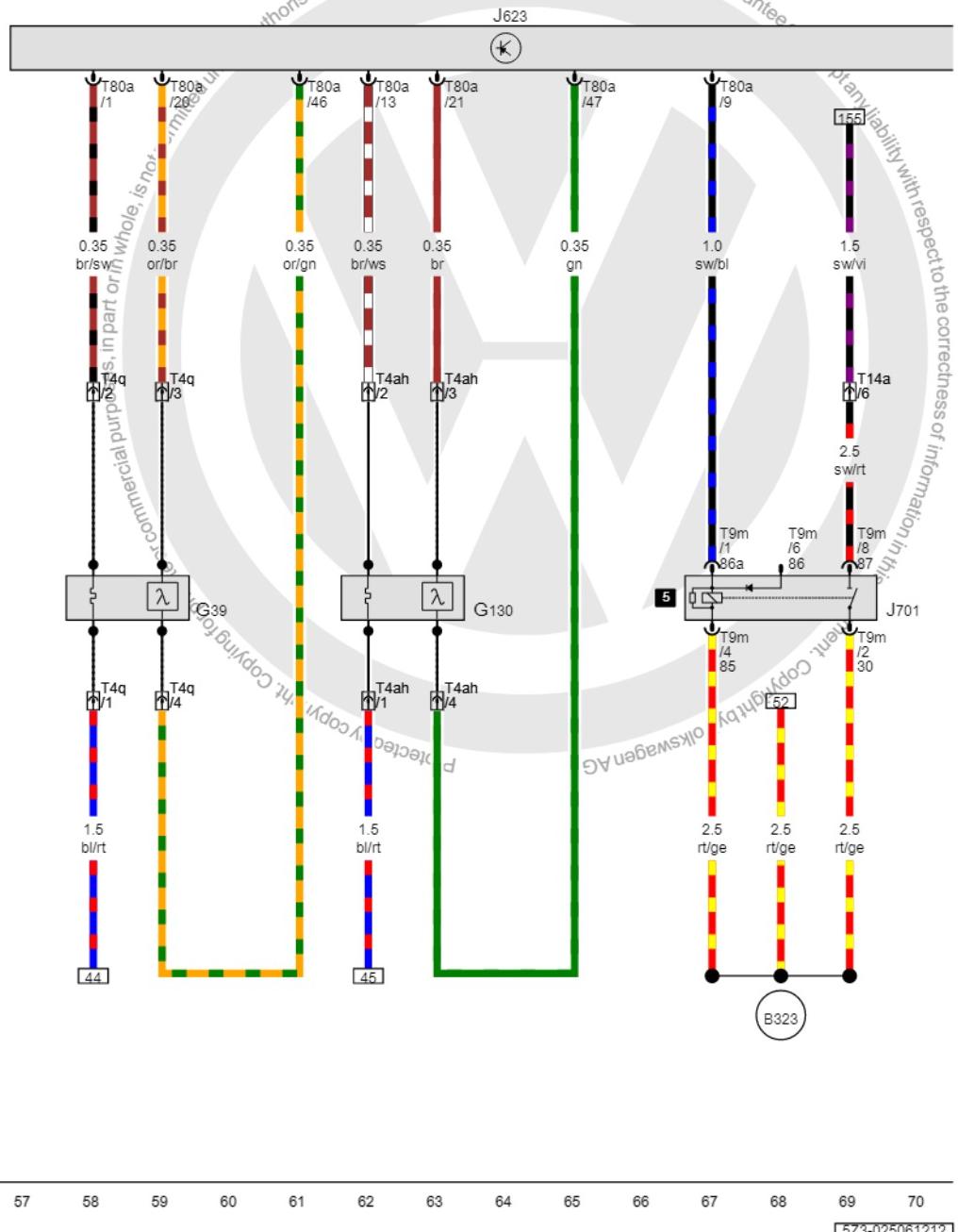
T10f 10-pin connector

(B350) Positive connection 1 (87a) in main wiring harness

(B634) Positive connection 2 (87), in main wiring harness

(L76) Connection (87), in air conditioning system wiring harness

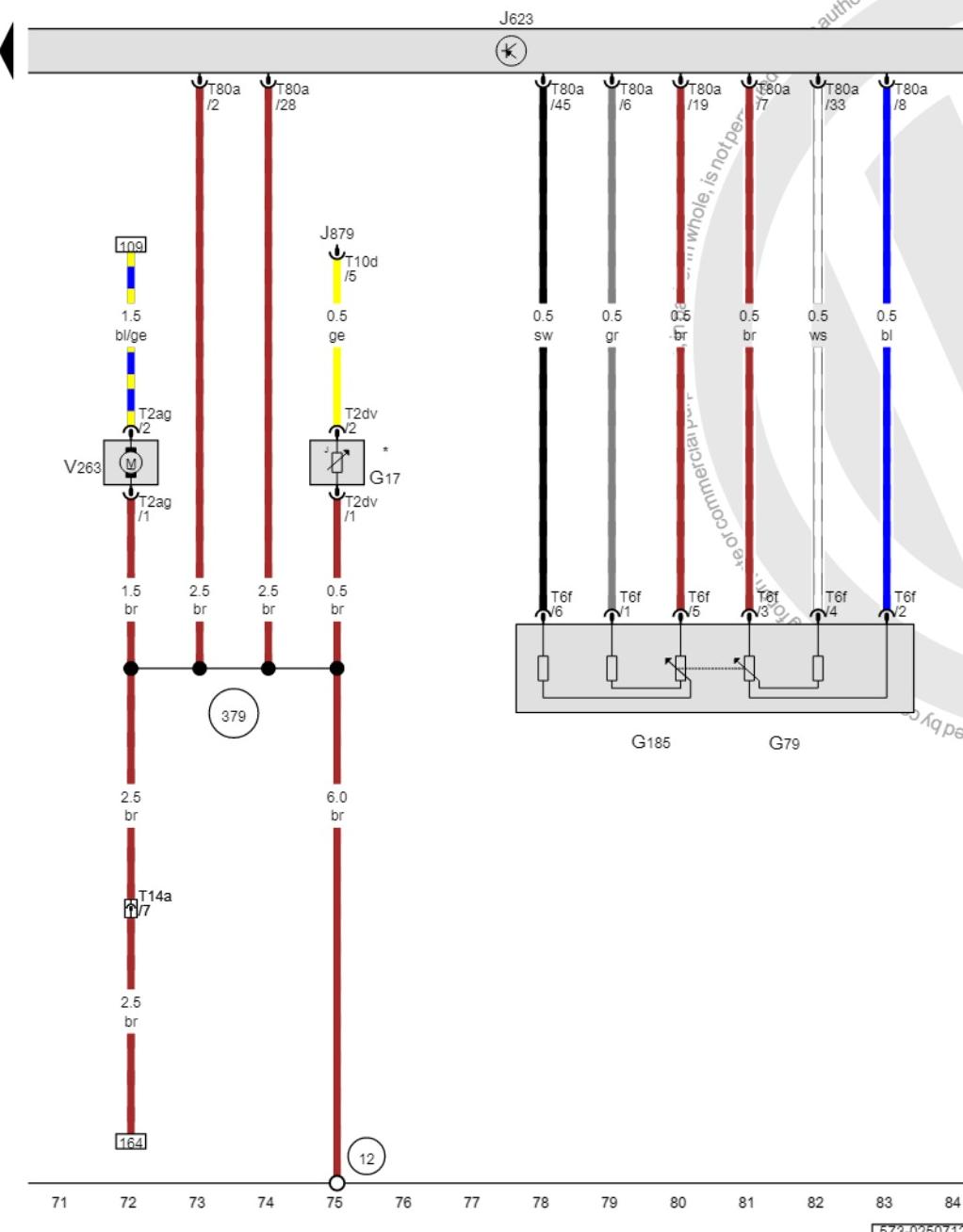
* Only models with air conditioning system



Lambda probe, Lambda probe after catalytic converter,
Engine control unit, Voltage supply relay 1

- G39 Lambda probe
- G130 Lambda probe after catalytic converter
- J623 Engine control unit
- J701 Voltage supply relay 1
- T4ah 4-pin connector
- T4q 4-pin connector
- T9m 9-pin connector
- T14a 14-pin connector, on left in engine compartment
- T80a 80-pin connector
- (B323) Positive connection 9 (30a) in main wiring harness

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



Ambient temperature sensor, Accelerator position sender,
Accelerator position sender 2, Engine control unit, Fuel
pump for cold start

- G17 Ambient temperature sensor
 G79 Accelerator position sender
 G185 Accelerator position sender 2
 J623 Engine control unit
 J879 Control unit for interactive system
 T2ag 2-pin connector
 T2dv 2-pin connector
 T6f 6-pin connector
 T10d 10-pin connector
 T14a 14-pin connector, on left in engine compartment
 T80a 80-pin connector
 V263 Fuel pump for cold start
 12 Earth point, on left in engine compartment
 379 Earth connection 14, in main wiring harness
 * For models with interactive system

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Fresh air blower and radiator fan relay, Engine control unit

J209 Fresh air blower and radiator fan relay

J623 Engine control unit

T9c 9-pin connector

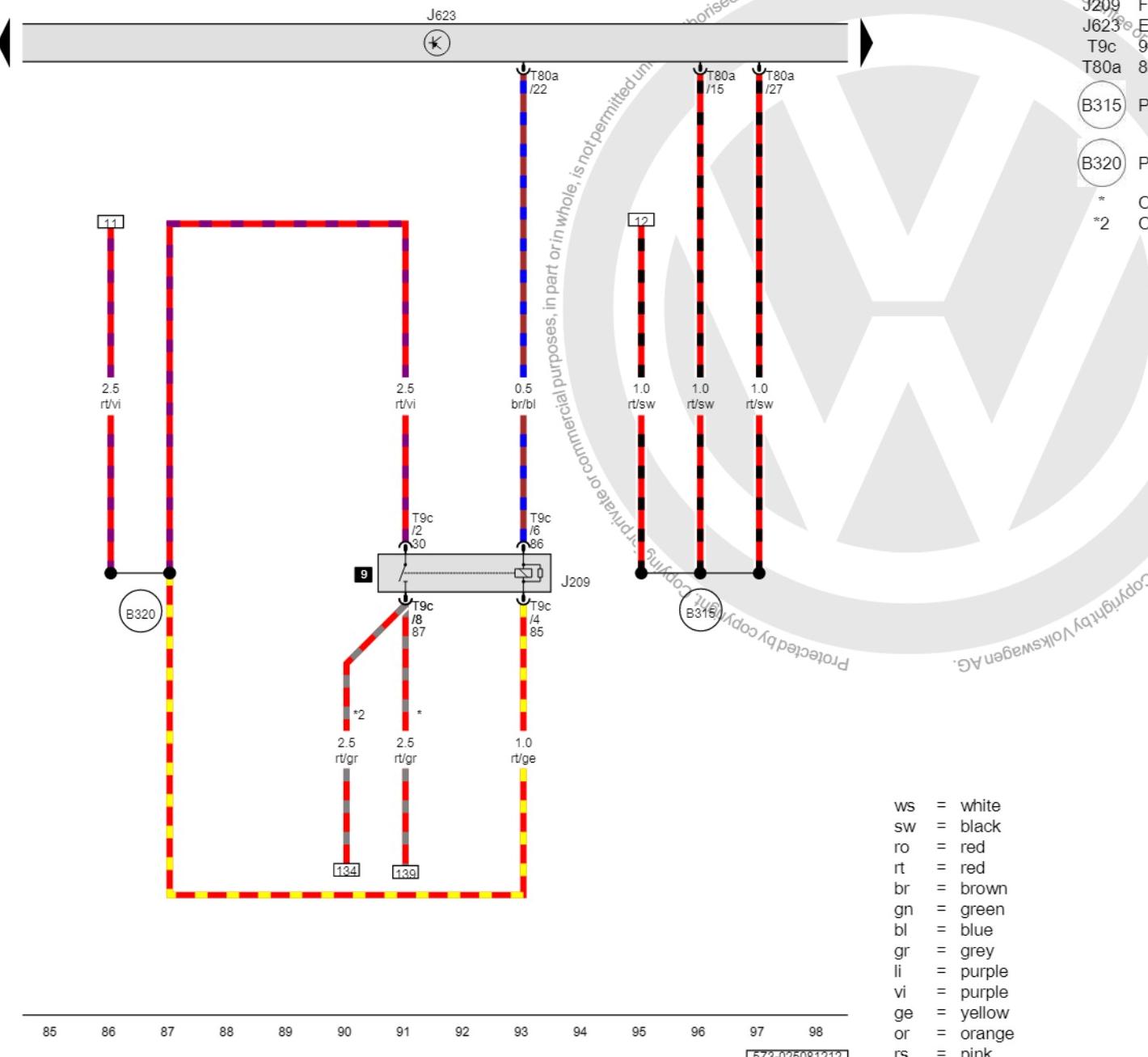
T80a 80-pin connector

B315 Positive connection 1 (30a) in main wiring harness

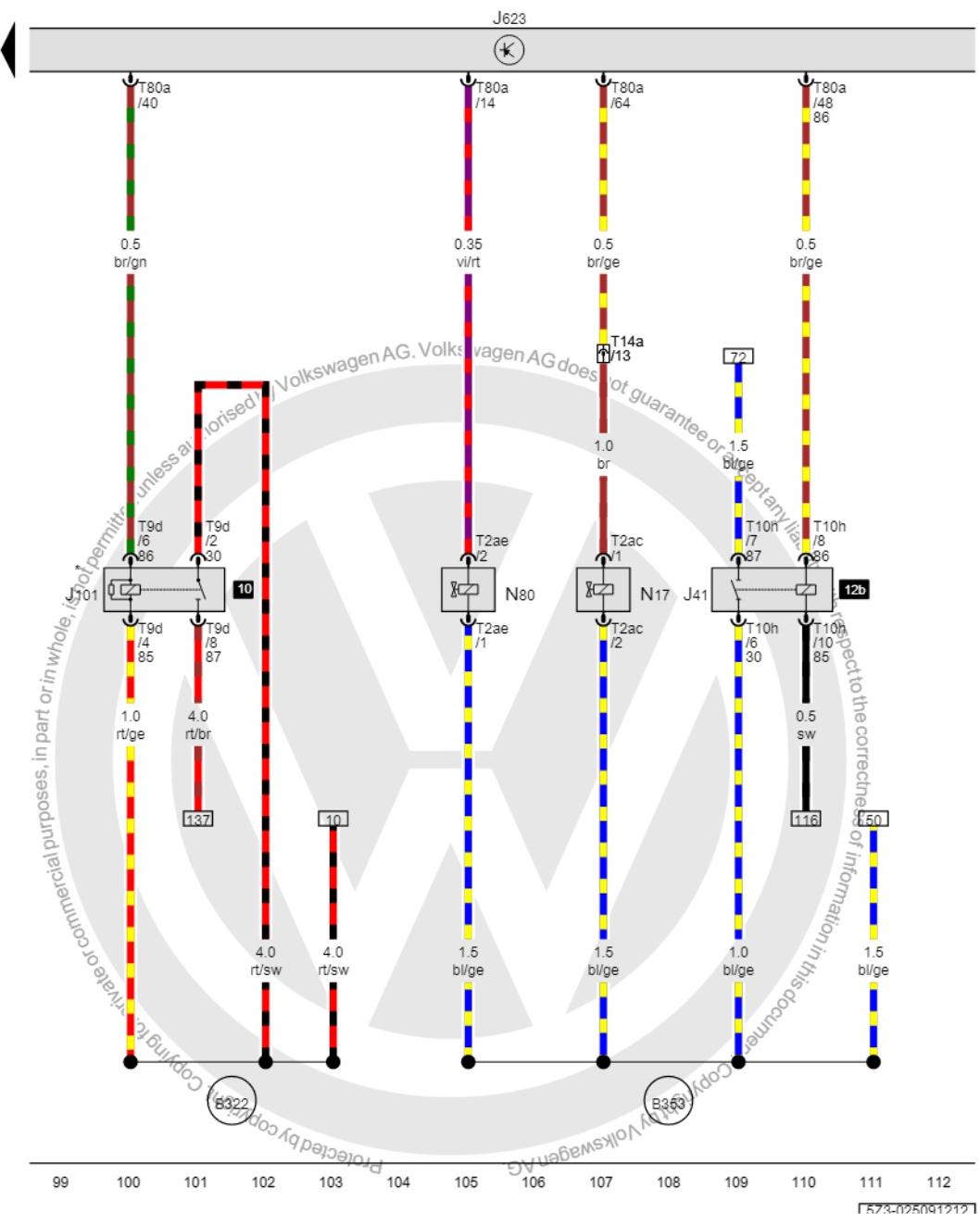
B320 Positive connection 6 (30a) in main wiring harness

* Only models with air conditioning system

*2 Only models with no air conditioning system



ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink



Cold start device relay, Radiator fan 2nd speed relay,
Engine control unit, Cold start valve, Activated charcoal filter
solenoid valve 1

- J41 Cold start device relay
 J101 Radiator fan 2nd speed relay
 J623 Engine control unit
 N17 Cold start valve
 N80 Activated charcoal filter solenoid valve 1
 T2ac 2-pin connector
 T2ae 2-pin connector
 T9d 9-pin connector
 T10h 10-pin connector
 T14a 14-pin connector, on left in engine compartment
 T80a 80-pin connector

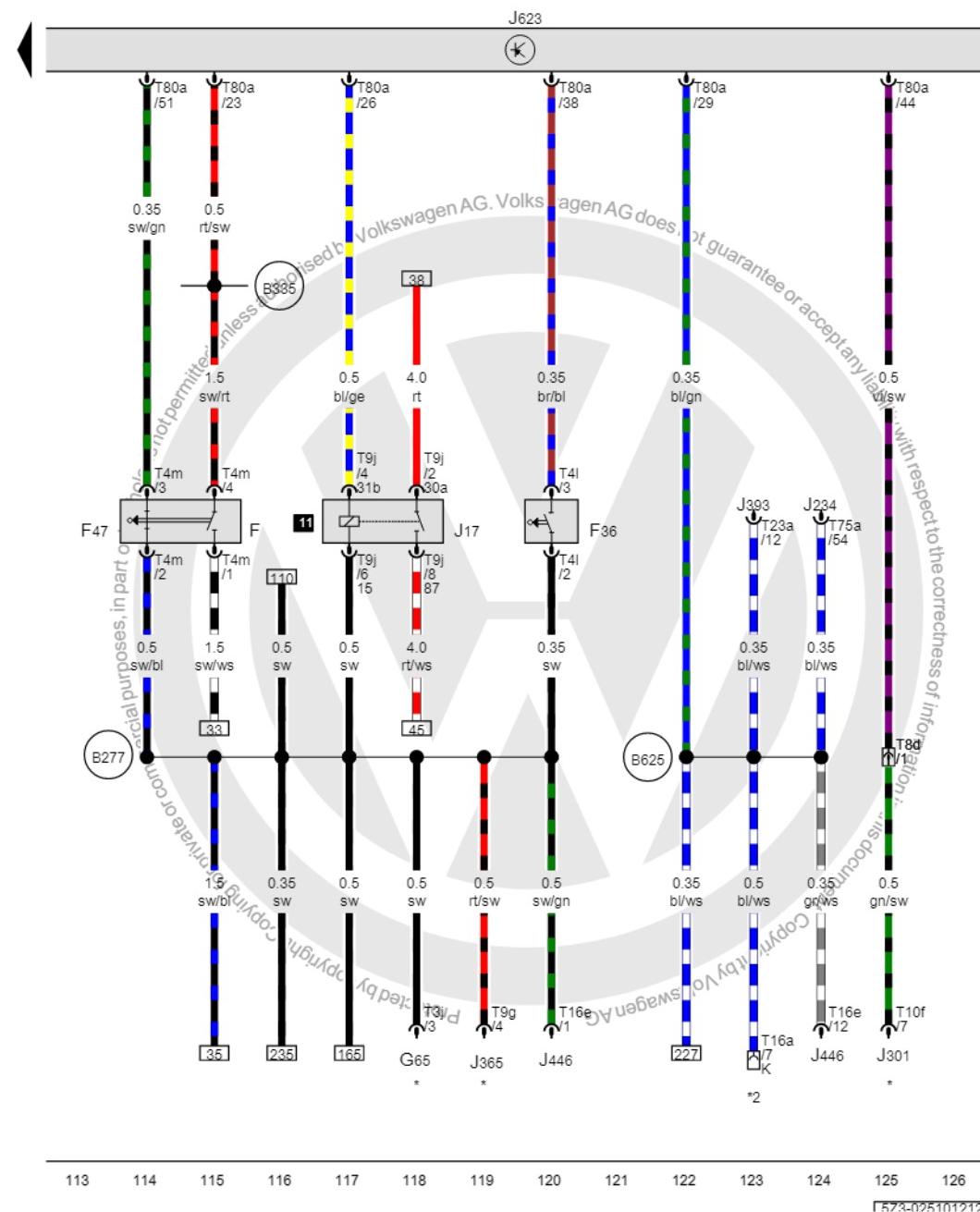
B322 Positive connection 8 (30a) in main wiring harness

B353 Positive connection 4 (87a) in main wiring harness

* Only models with air conditioning system

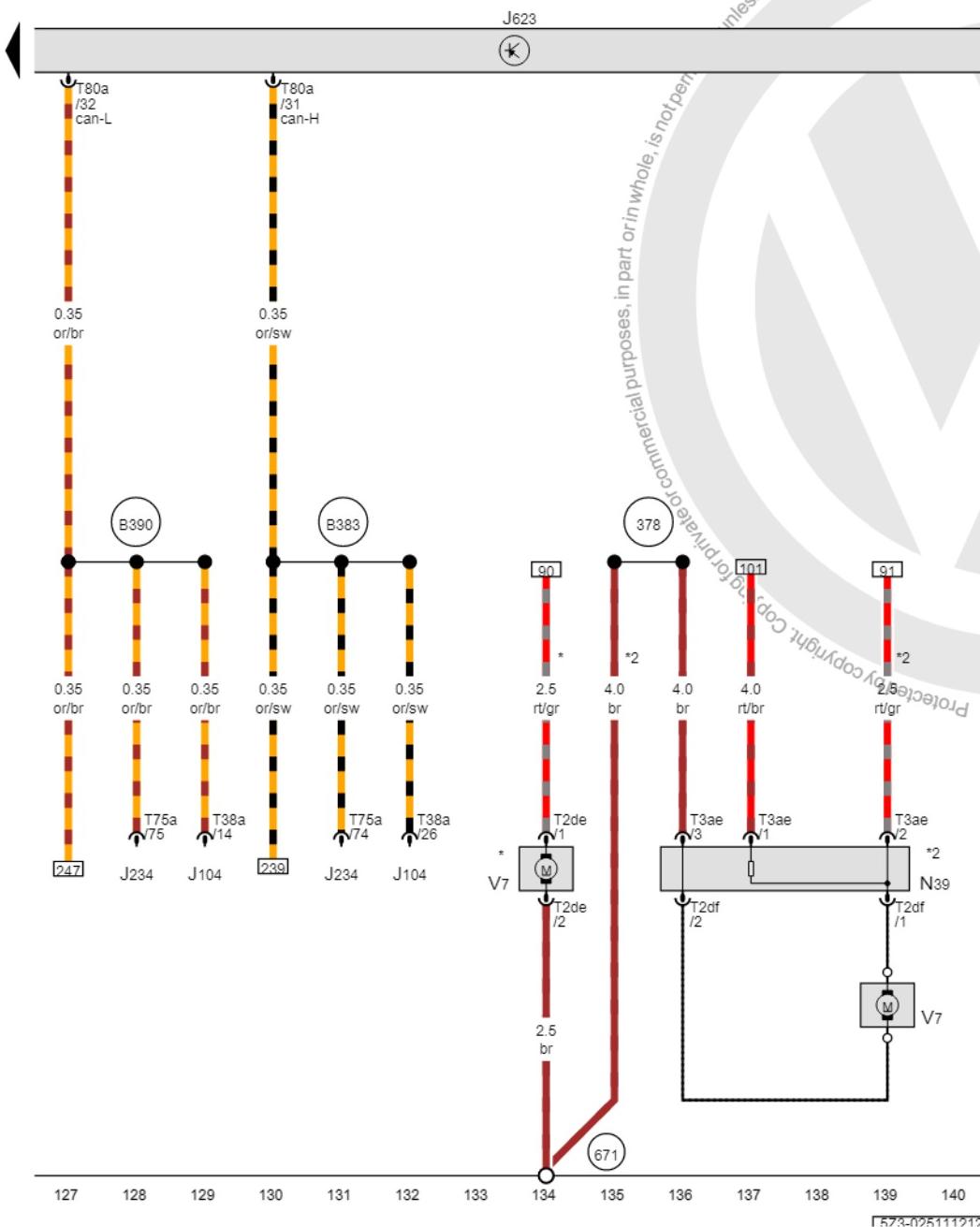
ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

Brake light switch, Clutch pedal switch, Brake pedal switch,
Fuel pump relay, Engine control unit



- | | |
|------|---|
| F | Brake light switch |
| F36 | Clutch pedal switch |
| F47 | Brake pedal switch |
| G65 | High-pressure sender |
| J17 | Fuel pump relay |
| J234 | Airbag control unit |
| J301 | Air conditioning system control unit |
| J365 | Air conditioning system switch-off relay |
| J393 | Convenience system central control unit |
| J446 | Parking aid control unit |
| J623 | Engine control unit |
| T3j | 3-pin connector |
| T4l | 4-pin connector |
| T4m | 4-pin connector |
| T8d | 8-pin connector, behind dash panel, centre |
| T9g | 9-pin connector |
| T9j | 9-pin connector |
| T10f | 10-pin connector |
| T16a | 16-pin connector |
| T16e | 16-pin connector |
| T23a | 23-pin connector |
| T75a | 75-pin connector |
| T80a | 80-pin connector |
| B277 | Positive connection 1 (15a) in main wiring harness |
| B335 | Connection 1 (54), in main wiring harness |
| B625 | Connection (K-diagnosis wire), in main wiring harness |
- * Only models with air conditioning system
*2 Diagnostic connection

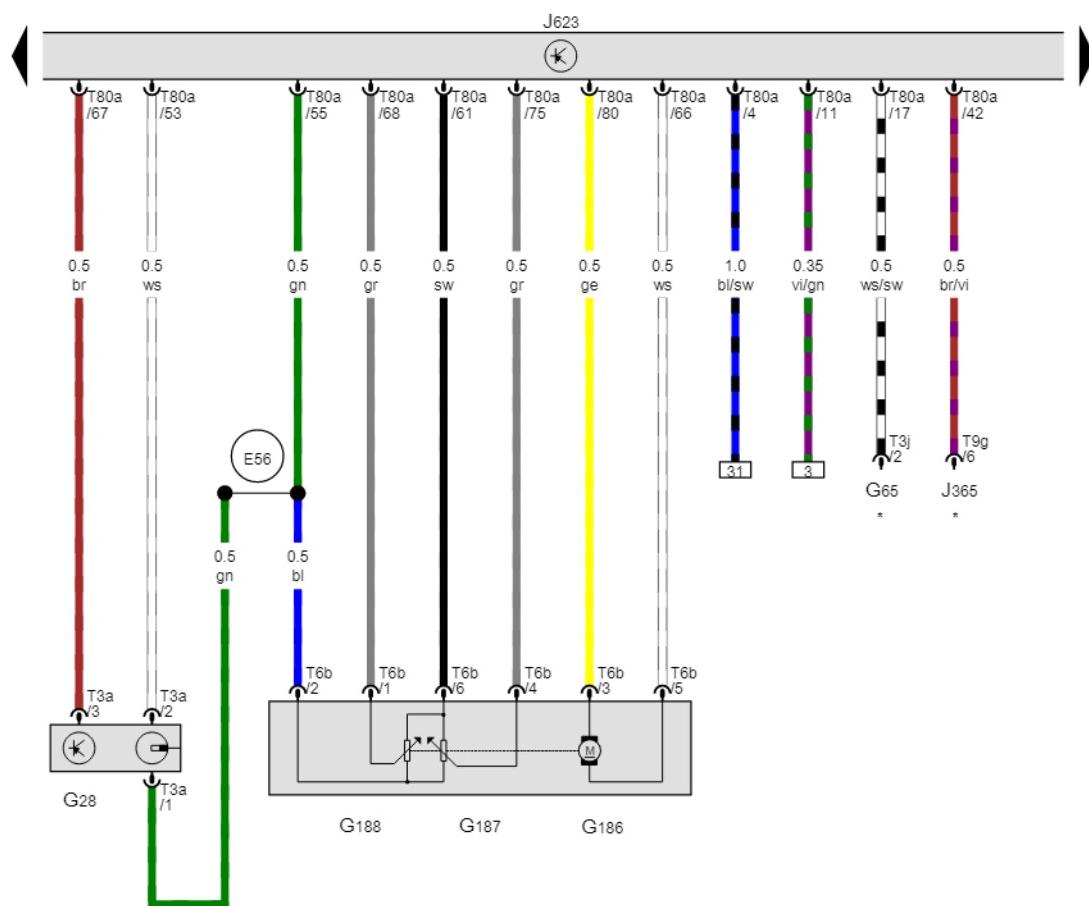
ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink



Engine control unit, Radiator fan series resistor, Radiator fan

- | | |
|------|---|
| J104 | ABS control unit |
| J234 | Airbag control unit |
| J623 | Engine control unit |
| N39 | Radiator fan series resistor |
| T2de | 2-pin connector |
| T2df | 2-pin connector |
| T3ae | 3-pin connector |
| T38a | 38-pin connector |
| T75a | 75-pin connector |
| T80a | 80-pin connector |
| V7 | Radiator fan |
| 378 | Earth connection 13, in main wiring harness |
| 671 | Earth point 1, on front of left longitudinal member |
| B383 | Connection 1 (powertrain CAN bus, high), in main wiring harness |
| B390 | Connection 1 (powertrain CAN bus, low), in main wiring harness |
- * Only models with no air conditioning system
 *2 Only models with air conditioning system

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

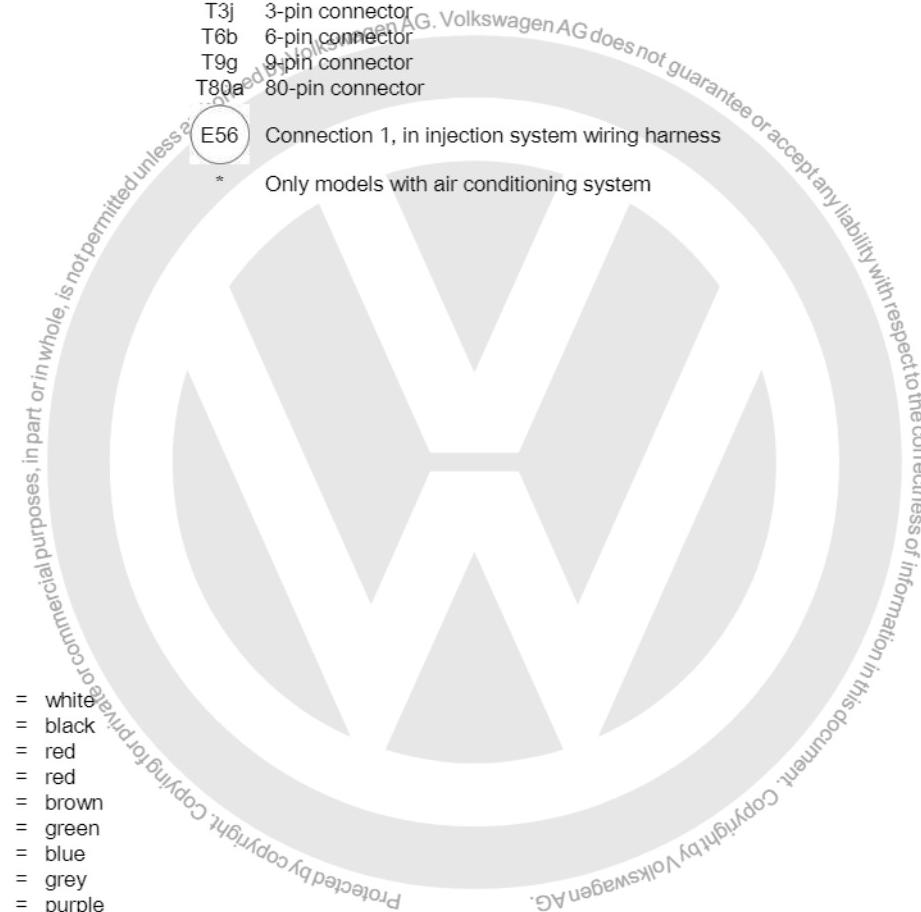


Engine speed sender, Throttle valve drive for electric throttle, Throttle valve drive angle sender 1 for electric throttle, Throttle valve drive angle sender 2 for electric throttle, Engine control unit

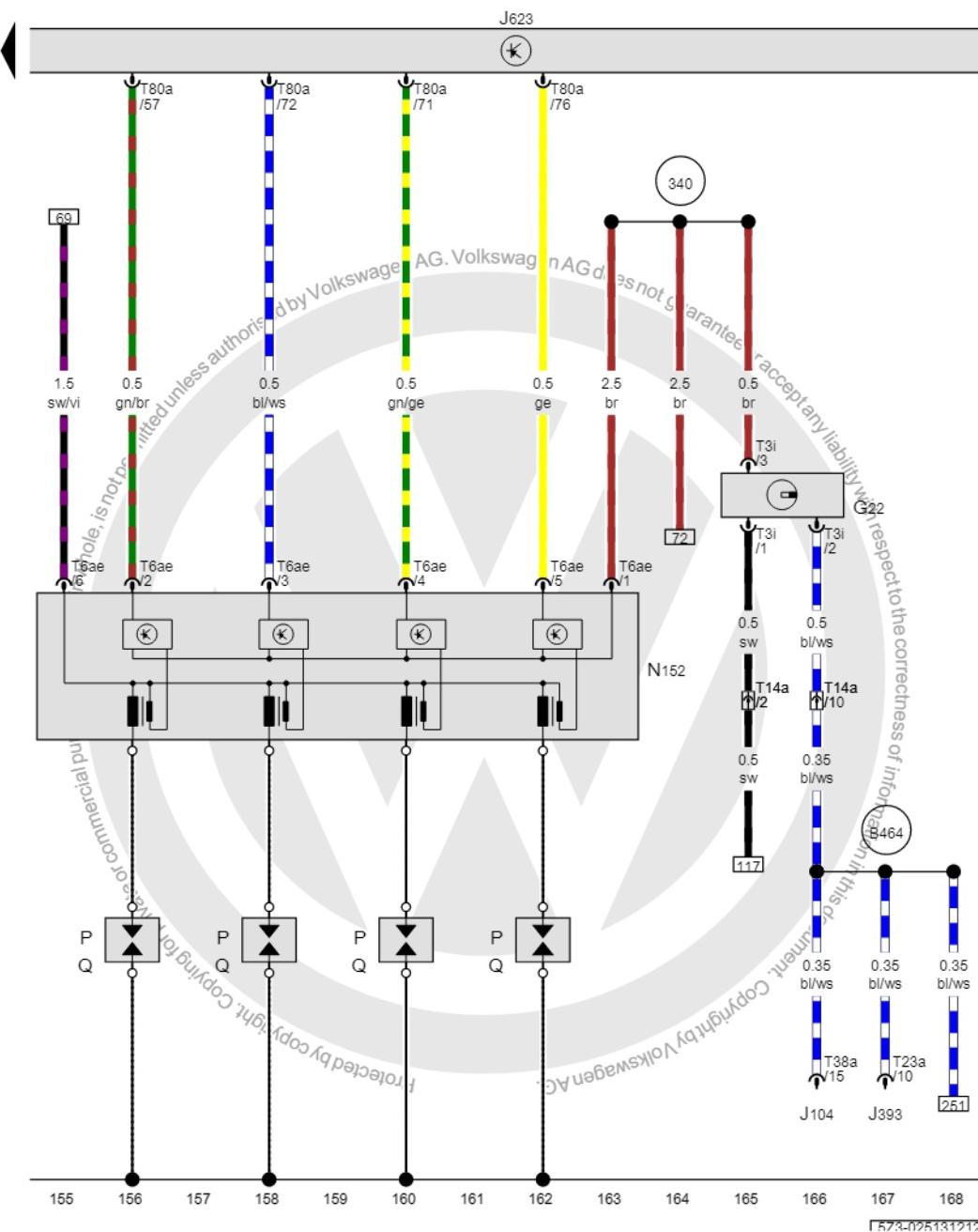
- G28 Engine speed sender
- G65 High-pressure sender
- G186 Throttle valve drive for electric throttle
- G187 Throttle valve drive angle sender 1 for electric throttle
- G188 Throttle valve drive angle sender 2 for electric throttle
- J365 Air conditioning system switch-off relay
- J623 Engine control unit
- T3a 3-pin connector
- T3j 3-pin connector
- T6b 6-pin connector
- T9g 9-pin connector
- T80a 80-pin connector

E56 Connection 1, in injection system wiring harness
* Only models with air conditioning system

141 142 143 144 145 146 147 148 149 150 151 152 153 154
1573-0251212121



Speedometer sender, Engine control unit, Ignition
transformer, Spark plug connector, Spark plugs



- | | |
|--|--|
| G22 | Speedometer sender |
| J104 | ABS control unit |
| J393 | Convenience system central control unit |
| J623 | Engine control unit |
| N152 | Ignition transformer |
| P | Spark plug connector |
| Q | Spark plugs |
| T3i | 3-pin connector |
| T6ae | 6-pin connector |
| T14a | 14-pin connector, on left in engine compartment |
| T23a | 23-pin connector |
| T38a | 38-pin connector |
| T80a | 80-pin connector |
|  340 | Earth connection 2, in injection system wiring harness |
|  B464 | Connection (speed signal), in main wiring harness |

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Coolant temperature sender, Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

G62 Coolant temperature sender

J623 Engine control unit

N30 Injector, cylinder 1

N31 Injector, cylinder 2

N32 Injector, cylinder 3

N33 Injector, cylinder 4

T2cq 2-pin connector

T2e 2-pin connector

T2f 2-pin connector

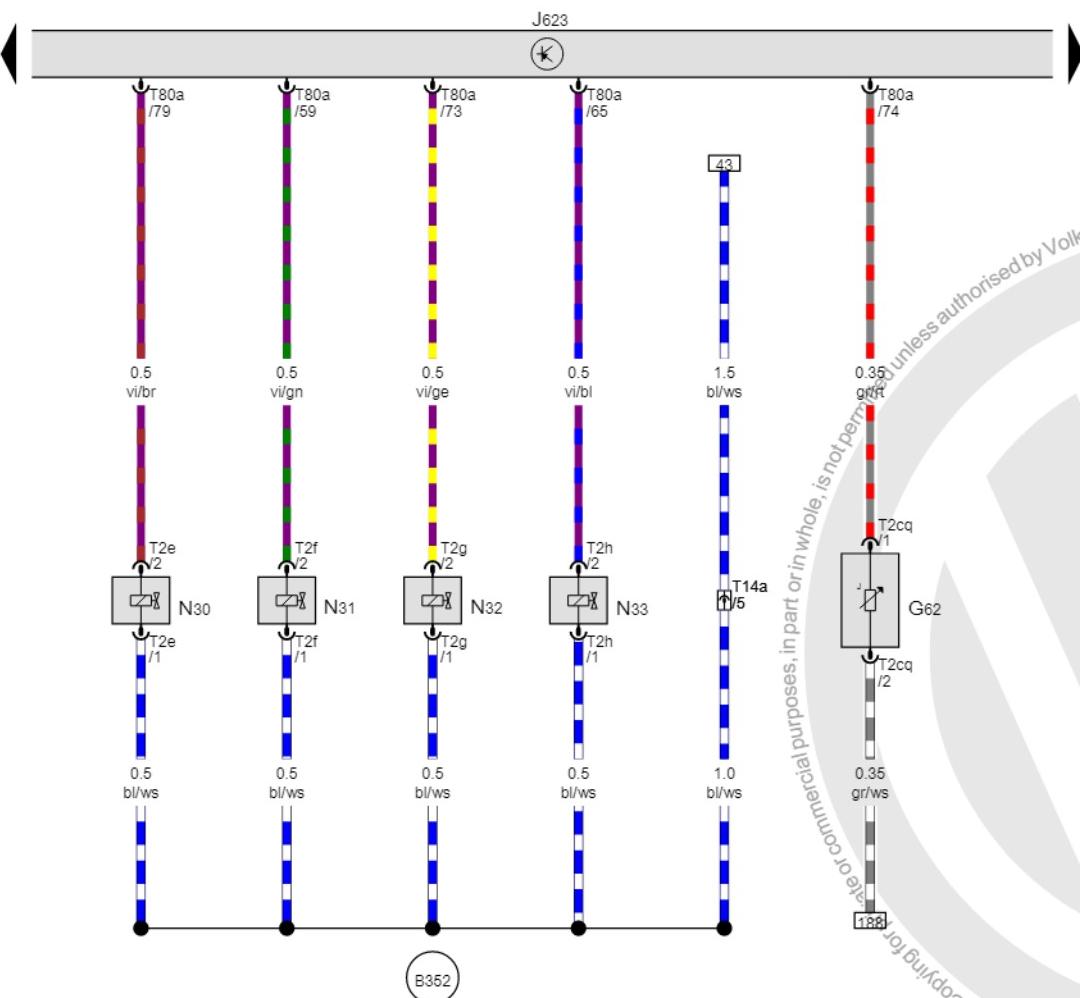
T2g 2-pin connector

T2h 2-pin connector

T14a 14-pin connector, on left in engine compartment

T80a 80-pin connector

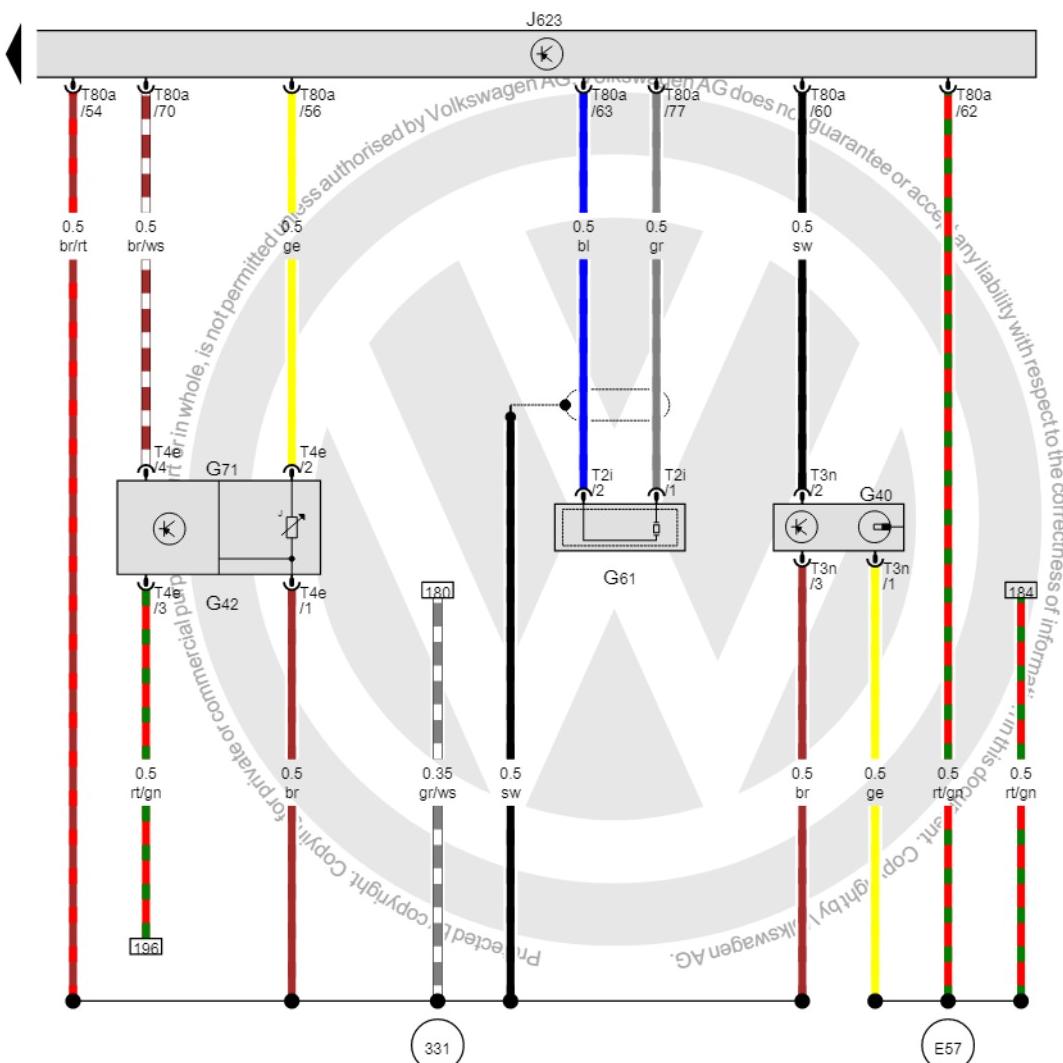
B352 Positive connection 3(87a) in main wiring harness



Copyright for commercial purposes, in part or in whole, is not permitted without the written permission of Volkswagen AG.
Any liability with respect to the correctness of information in this document is excluded.

ws = white
 sw = black
 ro = red
 re = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

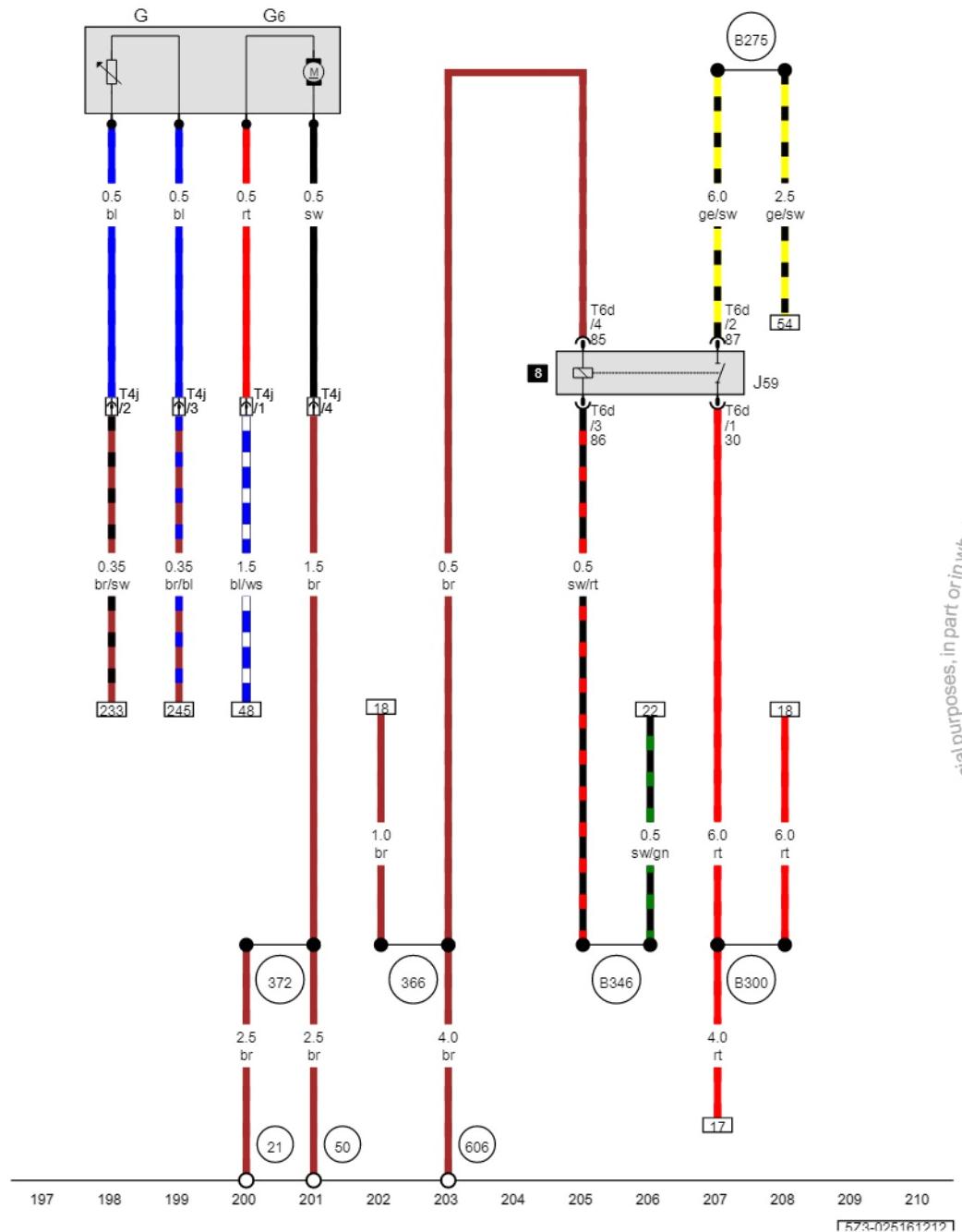
Hall sender, Intake air temperature sender, Knock sensor 1,
Intake manifold pressure sender, Engine control unit



- G40 Hall sender
 G42 Intake air temperature sender
 G61 Knock sensor 1
 G71 Intake manifold pressure sender
 J623 Engine control unit
 T2i 2-pin connector
 T3n 3-pin connector
 T4e 4-pin connector
 T80a 80-pin connector

- (331) Earth connection, in injection system wiring harness
 (E57) Connection 2, in injection system wiring harness

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink



Fuel gauge sender, Fuel system pressurisation pump, X-contact relief relay

G Fuel gauge sender

G6 Fuel system pressurisation pump

J59 X-contact relief relay

T4j 4-pin connector

T6d 6-pin connector

21 Earth point, near fuel pump

50 Earth point, on left in luggage compartment

366 Earth connection 1, in main wiring harness

372 Earth connection 7, in main wiring harness

606 Earth point, under the centre console near gear stick

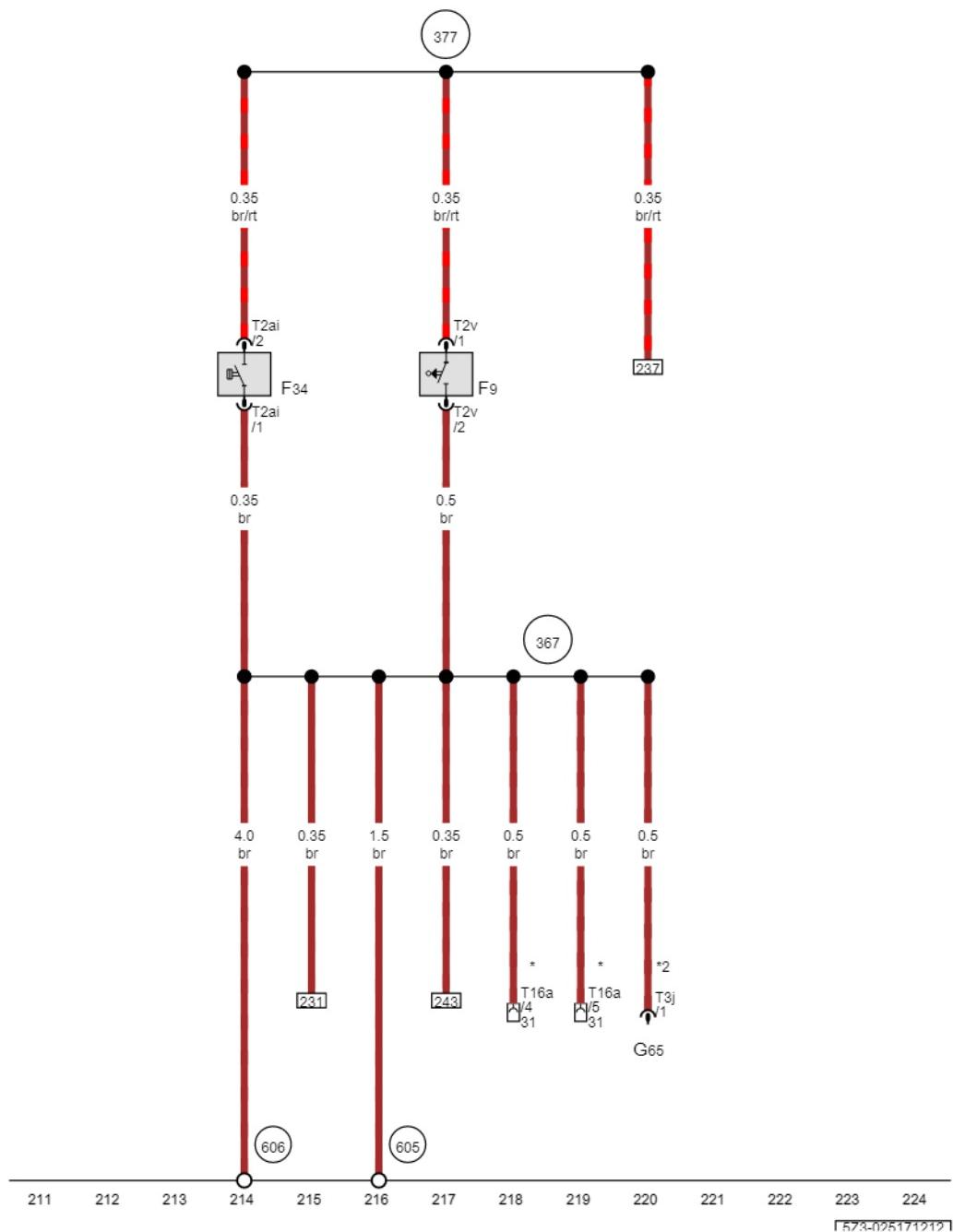
B275 Positive connection (87), in main wiring harness

B300 Positive connection 4 (30), in main wiring harness

B346 Connection 1 (75), in main wiring harness

Protected by copyright. Copying or publishing is prohibited.
Copyright by Volkswagen AG.

Handbrake warning switch, Brake fluid level warning contact



Protected by copyright. Copying and/or disclosure of commercial purposes, in part or in whole, is not permitted unless authorised by Volkswagen AG.

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

F9 Handbrake warning switch

F34 Brake fluid level warning contact

G65 High-pressure sender

T2ai 2-pin connector

T2v 2-pin connector

T3j 3-pin connector

T16a 16-pin connector

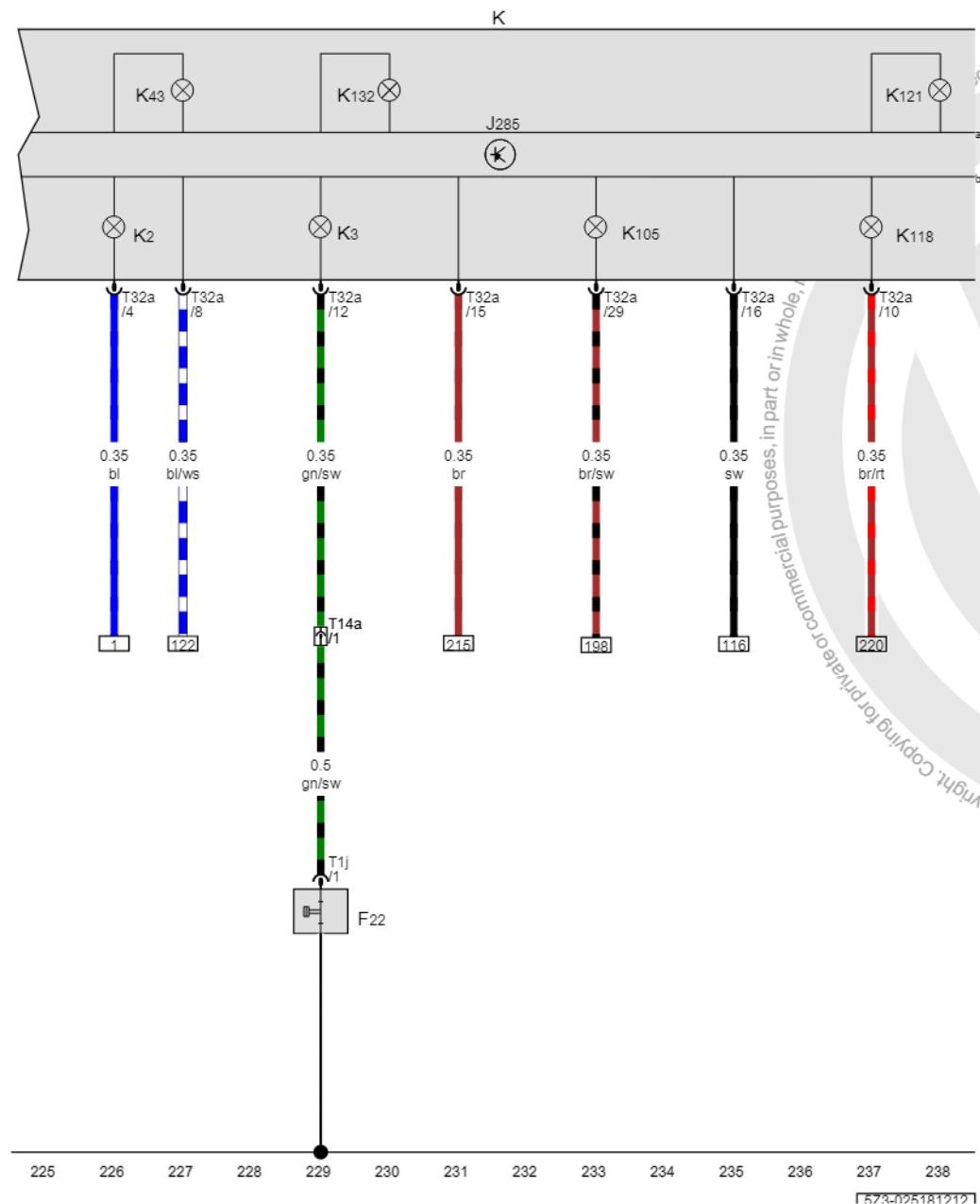
367 Earth connection 2, in main wiring harness

377 Earth connection 12, in main wiring harness

605 Earth point, on top end of steering column

606 Earth point, under the centre console near gear stick

* Diagnostic connection
Only models with air conditioning system



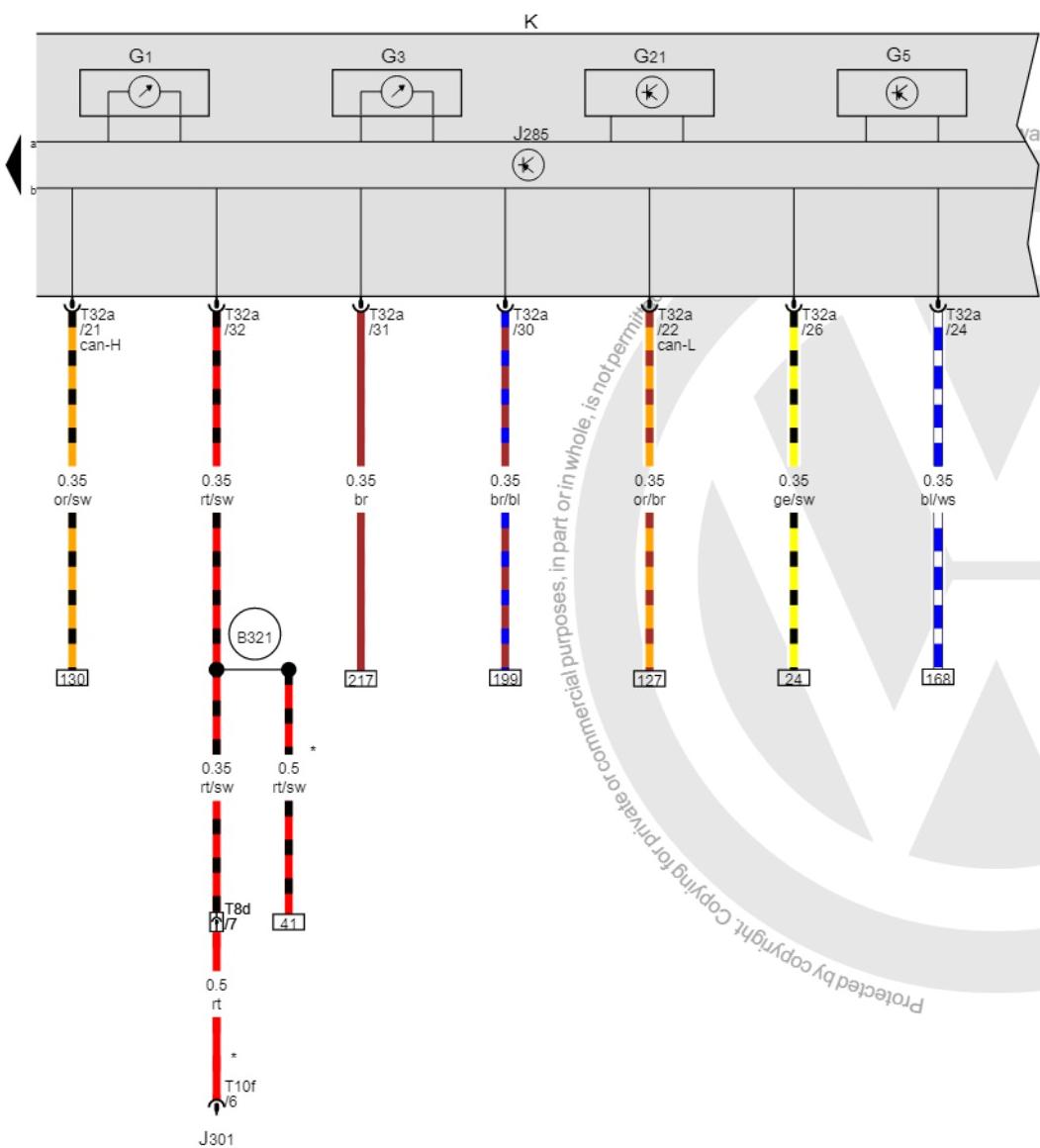
Oil pressure switch, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp, Oil pressure warning lamp, Reserve fuel warning lamp, Brake system warning lamp, Malfunction warning lamp

- F22 Oil pressure switch
 J285 Control unit in dash panel insert
 K Dash panel insert
 K2 Alternator warning lamp
 K3 Oil pressure warning lamp
 K43 Coolant temperature warning lamp (too cold)
 K105 Reserve fuel warning lamp
 K118 Brake system warning lamp
 K121 Malfunction warning lamp
 K132 Electronic power control fault lamp
 T1j Single connector
 T14a 14-pin connector, on left in engine compartment
 T32a 32-pin connector

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

Protected by copyright. Copying or printing of this document is illegal.
 Copyright by Volkswagen AG.

Fuel gauge, Coolant temperature gauge, Rev. counter,
Speedometer, Control unit in dash panel insert, Dash panel
insert



- | | |
|------|--|
| G1 | Fuel gauge |
| G3 | Coolant temperature gauge |
| G5 | Rev. counter |
| G21 | Speedometer |
| J285 | Control unit in dash panel insert |
| J301 | Air conditioning system control unit |
| K | Dash panel insert |
| T8d | 8-pin connector, behind dash panel, centre |
| T10f | 10-pin connector |
| T32a | 32-pin connector |
- (B321) Positive connection 7 (30a) in main wiring harness
* Only models with air conditioning system

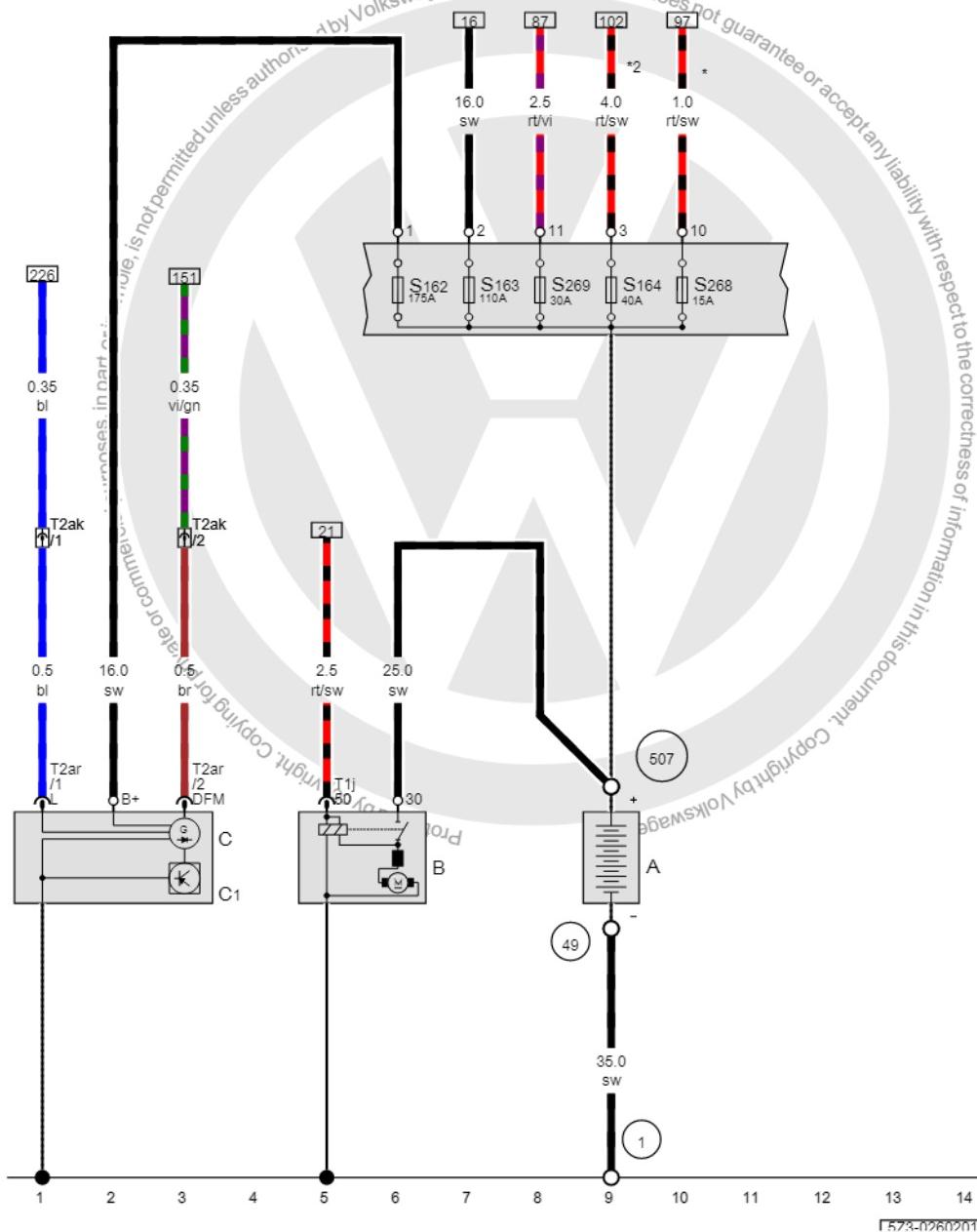
ws	= white
sw	= black
rt	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

1.6l engine , CCRA

From April 2012

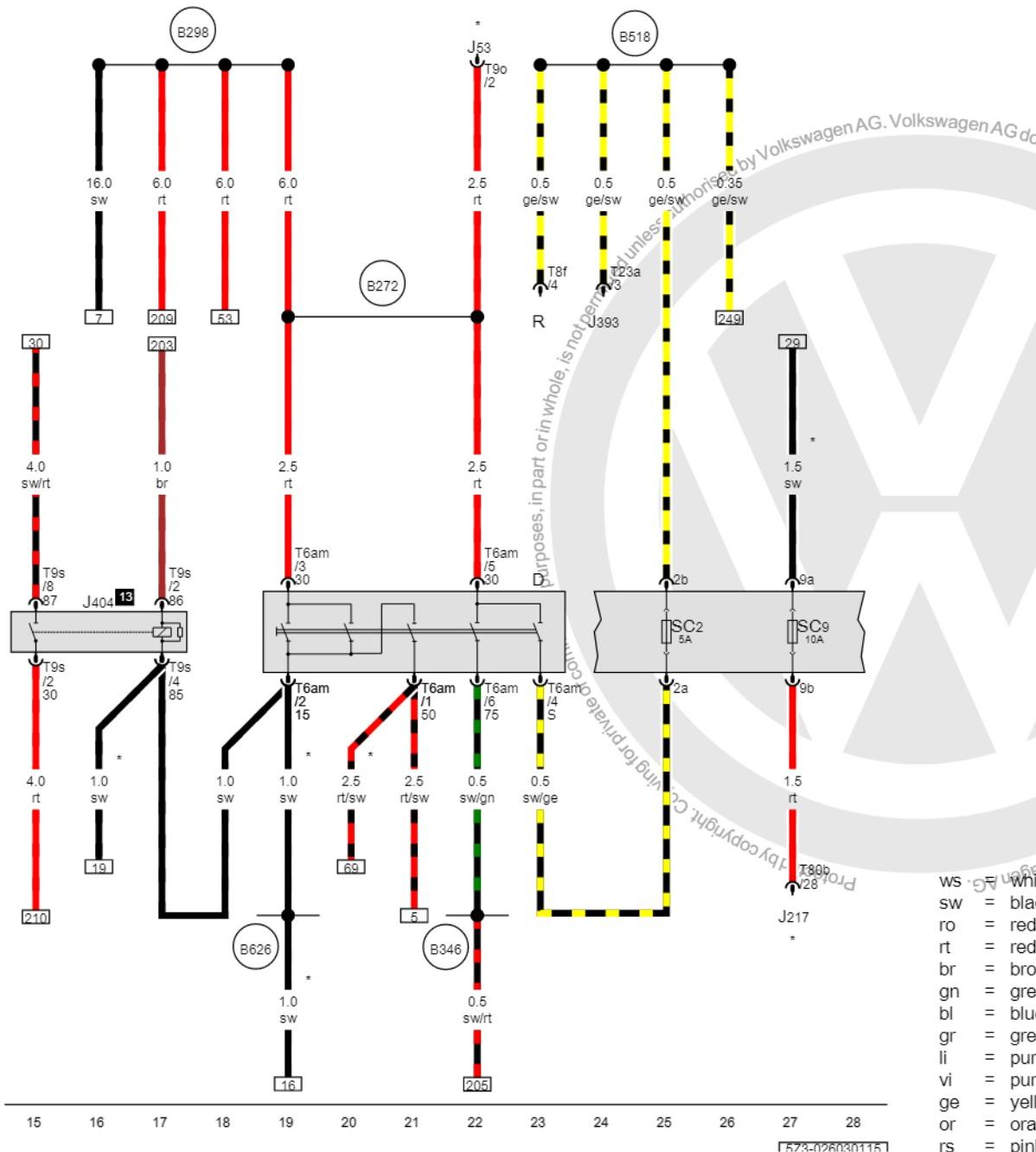


Battery, Starter, Alternator, Voltage regulator



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

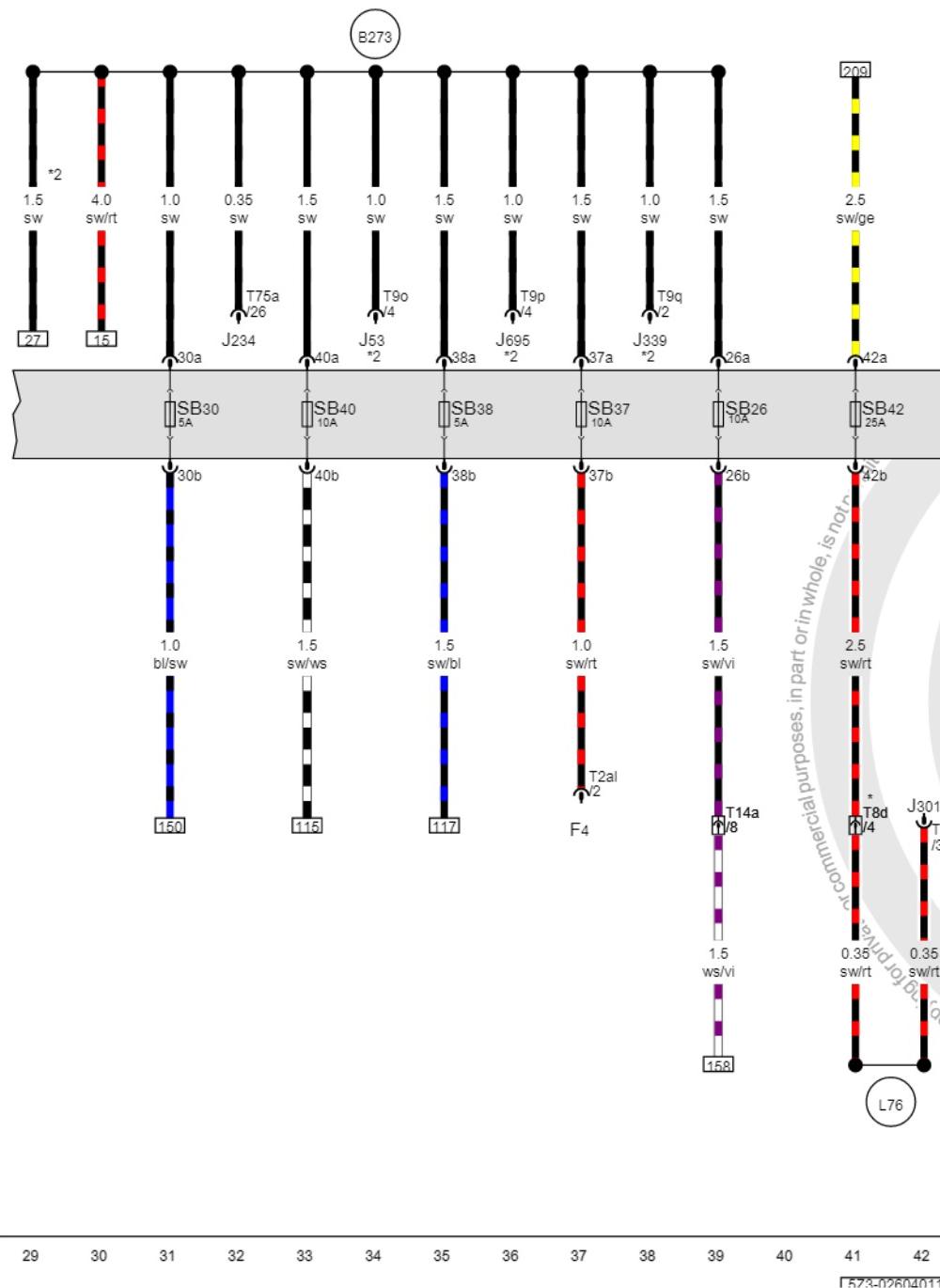
Ignition/starter switch, Terminal 15 relief relay



D	Ignition/starter switch
J53	Starter motor relay
J217	Automatic gearbox control unit
J393	Convenience system central control unit
J404	Terminal 15 relief relay
R	Radio
SC2	Fuse 2 on fuse holder C
SC9	Fuse 9 on fuse holder C
T6am	6-pin connector
T8f	8-pin connector
T9o	9-pin connector
T9s	9-pin connector
T23a	23-pin connector
T80b	80-pin connector
(B272)	Positive connection (30), in main wiring harness
(B298)	Positive connection 2 (30), in main wiring harness
(B346)	Connection 1 (75), in main wiring harness
(B518)	Connection (86s), in main wiring harness
(B626)	Positive connection 2 (15), in main wiring harness

* Only models with automated manual gearbox

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

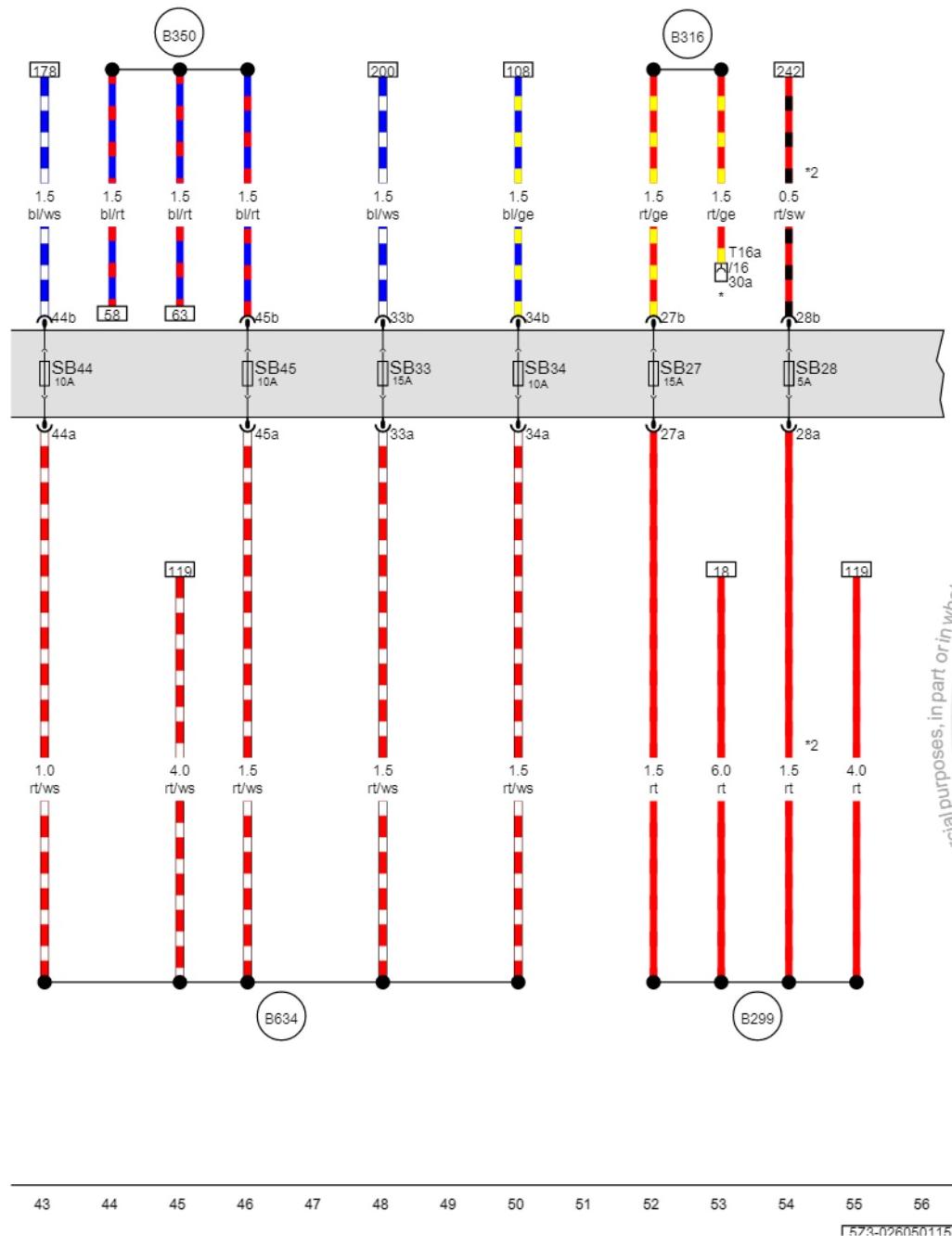


Fuse 26 on fuse holder B, Fuse 30 on fuse holder B, Fuse 37 on fuse holder B, Fuse 38 on fuse holder B, Fuse 40 on fuse holder B, Fuse 42 on fuse holder B

- F4 Reversing light switch
- J53 Starter motor relay
- J234 Airbag control unit
- J301 Air conditioning system control unit
- J339 X contact relief relay 2
- J695 Starter motor relay 2
- SB26 Fuse 26 on fuse holder B
- SB30 Fuse 30 on fuse holder B
- SB37 Fuse 37 on fuse holder B
- SB38 Fuse 38 on fuse holder B
- SB40 Fuse 40 on fuse holder B
- SB42 Fuse 42 on fuse holder B
- T2al 2-pin connector
- T8d 8-pin connector, behind dash panel, centre
- T9o 9-pin connector
- T9p 9-pin connector
- T9q 9-pin connector
- T10f 10-pin connector
- T14a 14-pin connector, on left in engine compartment
- T75a 75-pin connector
- B273 Positive connection (15), in main wiring harness
- L76 Connection (87), in air conditioning system wiring harness

* Only models with air conditioning system
*² Only models with automated manual gearbox

Authorised by Volkswagen AG. Volkswagen AG. Copyright by Volkswagen AG. Copying or commercial purposes, in part or in whole, is not permitted.



Fuse 27 on fuse holder B, Fuse 28 on fuse holder B, Fuse 33 on fuse holder B, Fuse 34 on fuse holder B, Fuse 44 on fuse holder B, Fuse 45 on fuse holder B

SB27 Fuse 27 on fuse holder B

SB28 Fuse 28 on fuse holder B

SB33 Fuse 33 on fuse holder B

SB34 Fuse 34 on fuse holder B

SB44 Fuse 44 on fuse holder B

SB45 Fuse 45 on fuse holder B

T16a 16-pin connector

B299 Positive connection 3 (30), in main wiring harness

B316 Positive connection 2 (30a) in main wiring harness

B350 Positive connection 1 (87a) in main wiring harness

B634 Positive connection 2 (87), in main wiring harness

* Diagnostic connection

*2 Only models with air conditioning system

Protected by copyright Volkswagen AG.

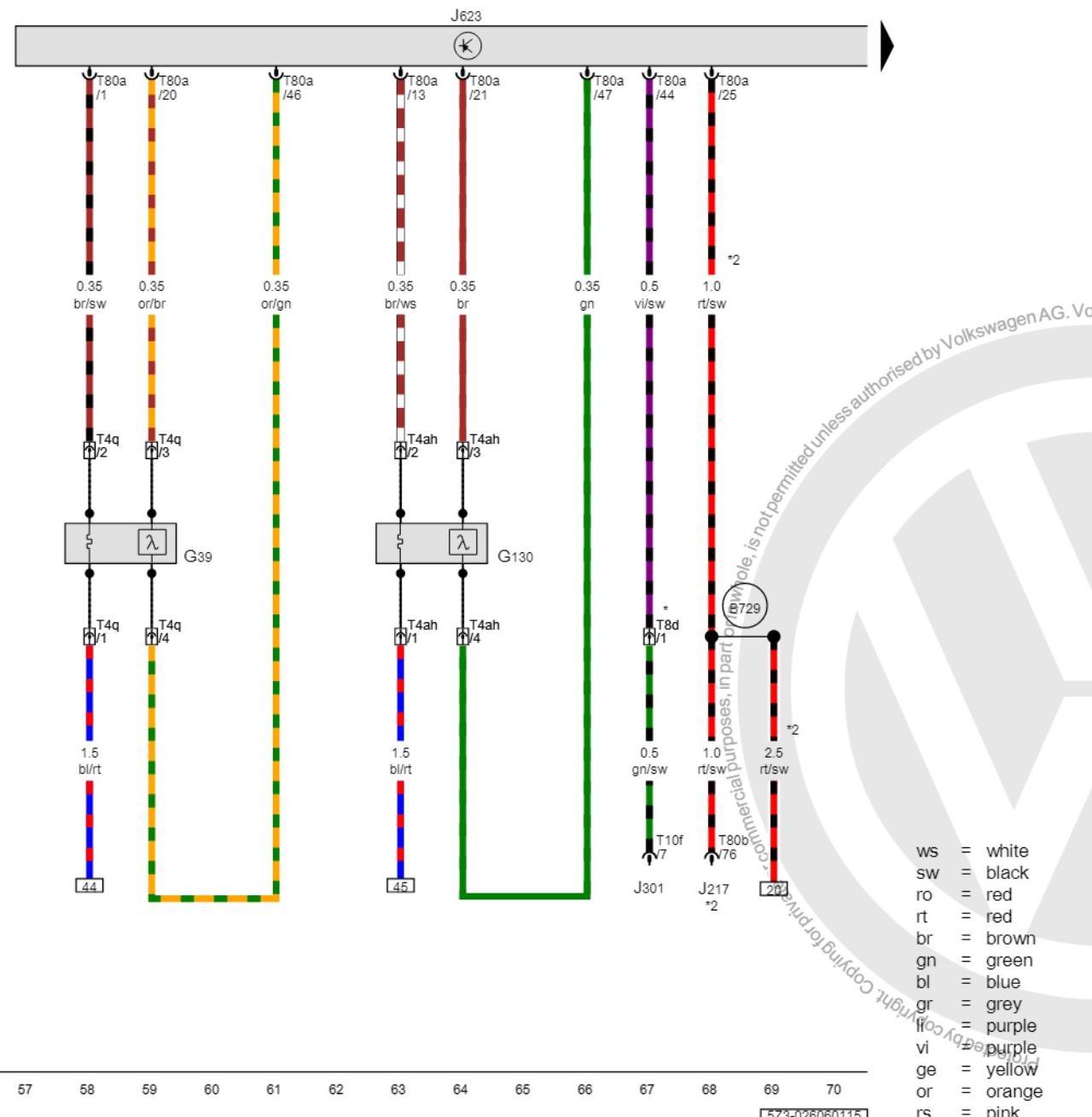
Not for commercial purposes, in part or in whole, is not permitted unless authorised by Volkswagen AG.

**Lambda probe, Lambda probe after catalytic converter,
Engine control unit**

- G39 Lambda probe
 G130 Lambda probe after catalytic converter
 J217 Automatic gearbox control unit
 J301 Air conditioning system control unit
 J623 Engine control unit
 T4ah 4-pin connector
 T4q 4-pin connector
 T8d 8-pin connector, behind dash panel, centre
 T10f 10-pin connector
 T80a 80-pin connector
 T80b 80-pin connector

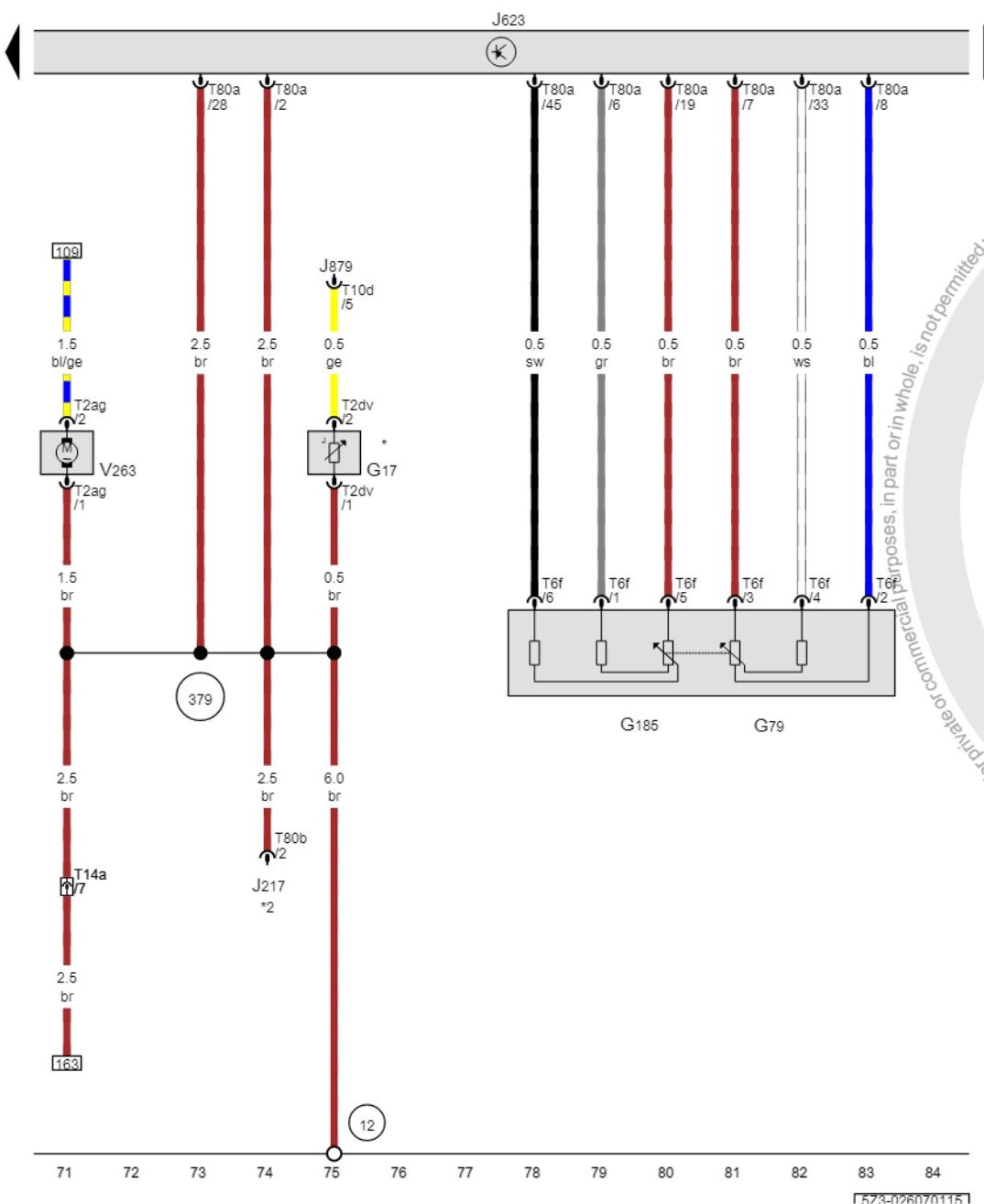
B729 Connection 1 (50), in main wiring harness

- * Only models with air conditioning system
 *² Only models with automated manual gearbox



ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
rs	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

57 58 59 60 61 62 63 64 65 66 67 68 69 70
L573-0260011151

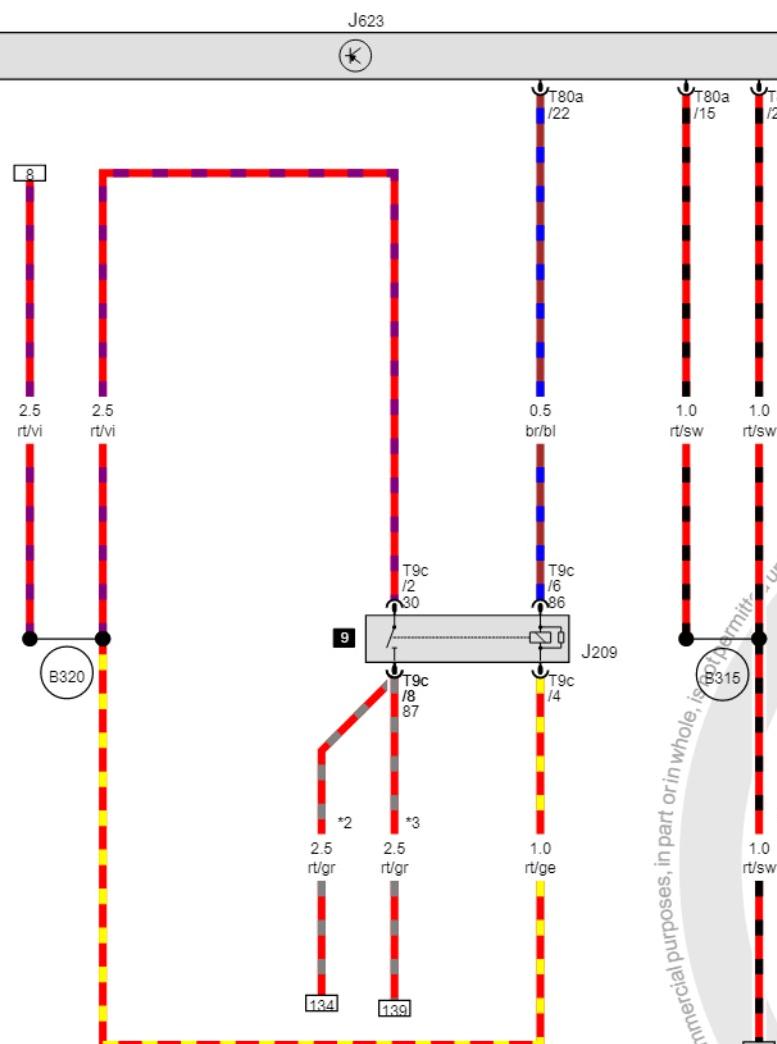


Ambient temperature sensor, Accelerator position sender,
Accelerator position sender 2, Engine control unit, Fuel
pump for cold start

- G17 Ambient temperature sensor
 - G79 Accelerator position sender
 - G185 Accelerator position sender 2
 - J217 Automatic gearbox control unit
 - J623 Engine control unit
 - J879 Control unit for interactive system
 - T2ag 2-pin connector
 - T2dv 2-pin connector
 - T6f 6-pin connector
 - T10d 10-pin connector
 - T14a 14-pin connector, on left in engine compartment
 - T80a 80-pin connector
 - T80b 80-pin connector
 - V263 Fuel pump for cold start
 - 12 Earth point, on left in engine compartment
 - 379 Earth connection 14, in main wiring harness
- * For models with interactive system
*2 Only models with automated manual gearbox

Protected by copyright. Copying or private use of commercial purposes, in part or in whole, is not permitted unless authorised by Volkswagen AG.

Fresh air blower and radiator fan relay, Engine control unit



J209 Fresh air blower and radiator fan relay

J623 Engine control unit

T9c 9-pin connector

T80a 80-pin connector

B315 Positive connection 1 (30a) in main wiring harness

B320 Positive connection 6 (30a) in main wiring harness

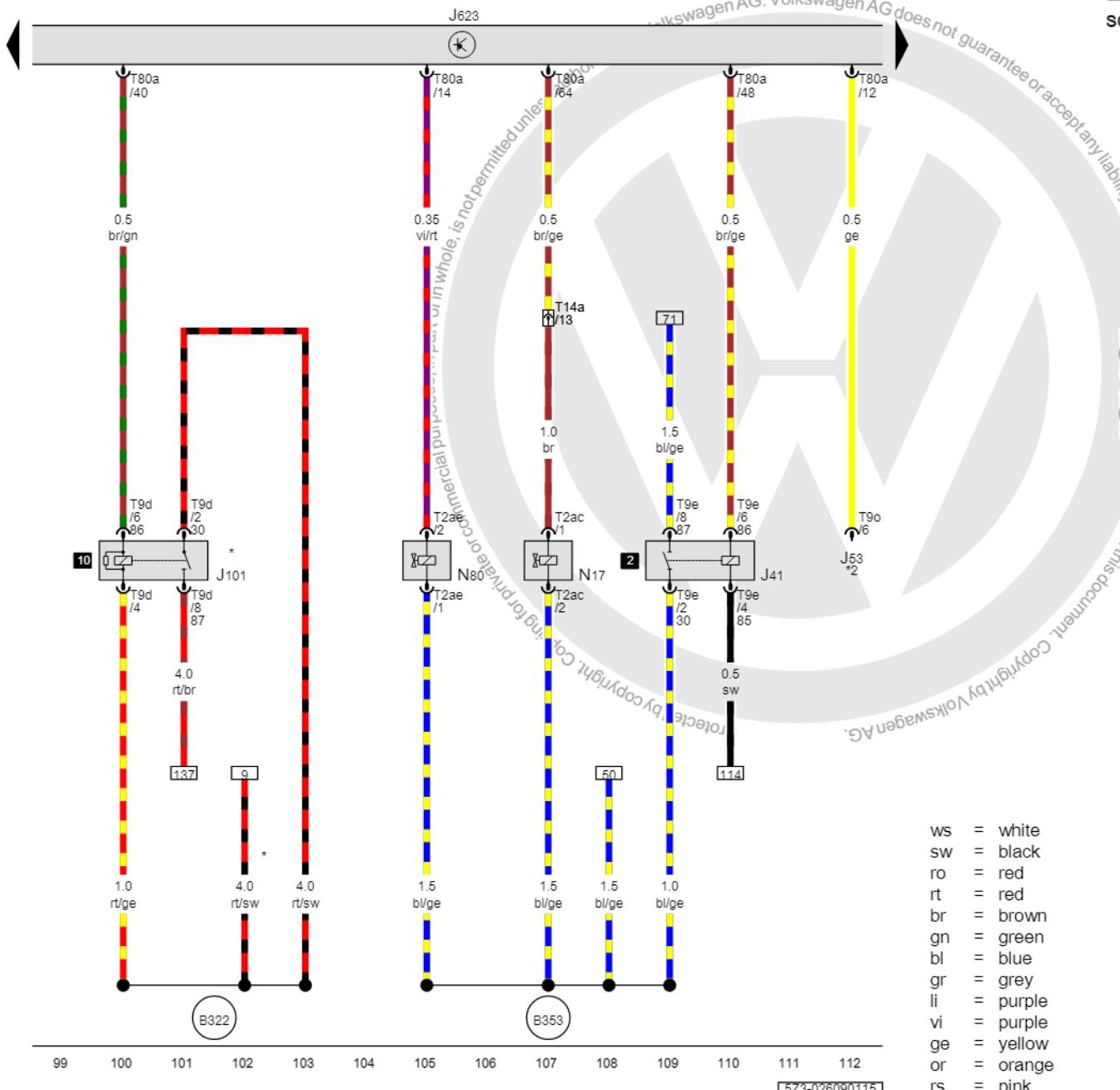
* Only models with automated manual gearbox

*2 Only models with no air conditioning system

*3 Only models with air conditioning system

Copyright Volkswagen AG. Volkswagen AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copying for private commercial purposes, in part or in whole, is permitted.

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
rs	= orange
pink	= pink

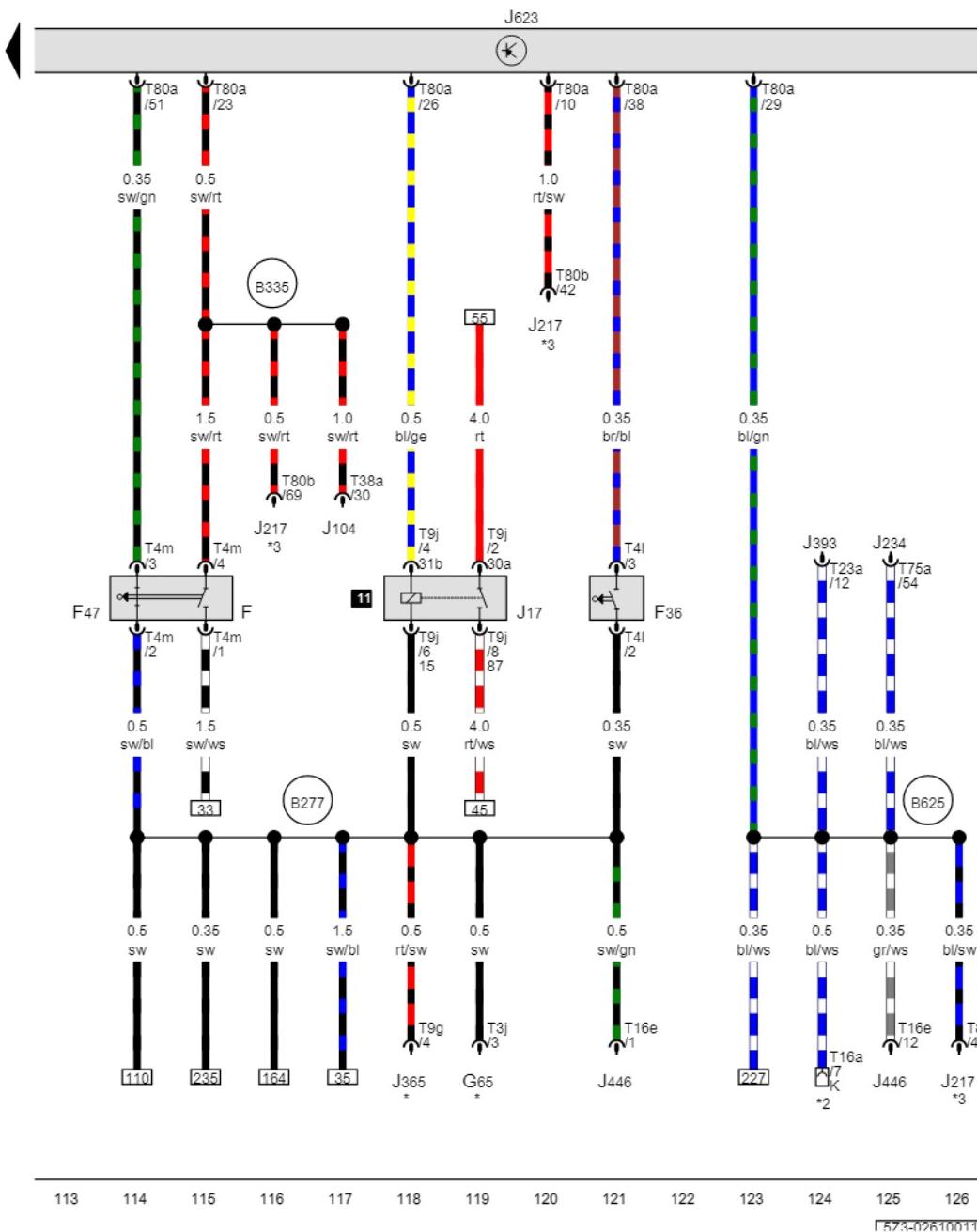


Cold start device relay, Radiator fan 2nd speed relay,
Engine control unit, Cold start valve, Activated charcoal filter
solenoid valve 1

- J41 Cold start device relay
 - J53 Starter motor relay
 - J101 Radiator fan 2nd speed relay
 - J623 Engine control unit
 - N17 Cold start valve
 - N80 Activated charcoal filter solenoid valve 1
 - T2ac 2-pin connector
 - T2ae 2-pin connector
 - T9d 9-pin connector
 - T9e 9-pin connector
 - T9o 9-pin connector
 - T14a 14-pin connector, on left in engine compartment
 - T80a 80-pin connector
 - B322 Positive connection 8 (30a) in main wiring harness
 - B353 Positive connection 4 (87a) in main wiring harness
- * Only models with air conditioning system
Only models with automated manual gearbox

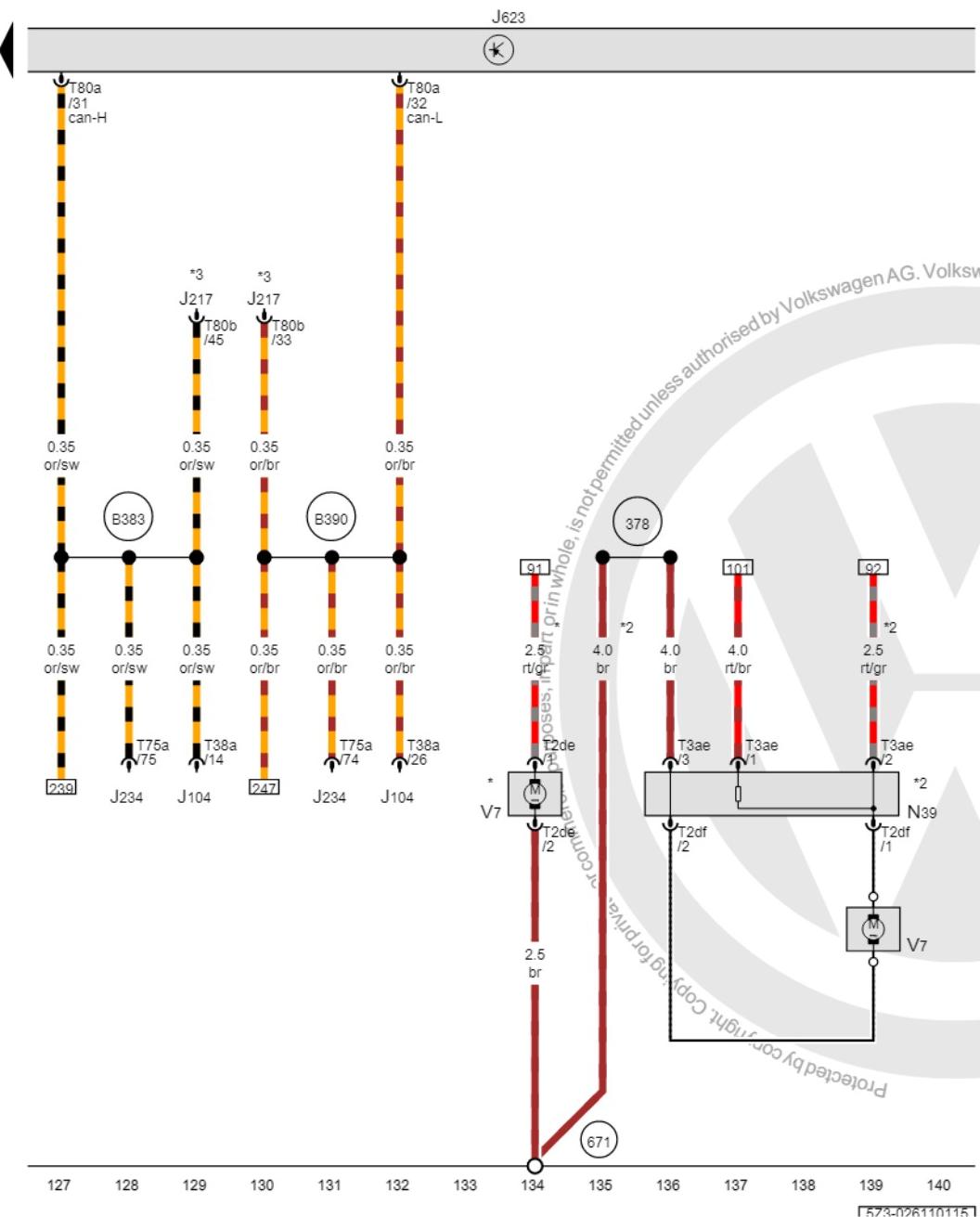
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

**Brake light switch, Clutch pedal switch, Brake pedal switch,
Fuel pump relay, Engine control unit**



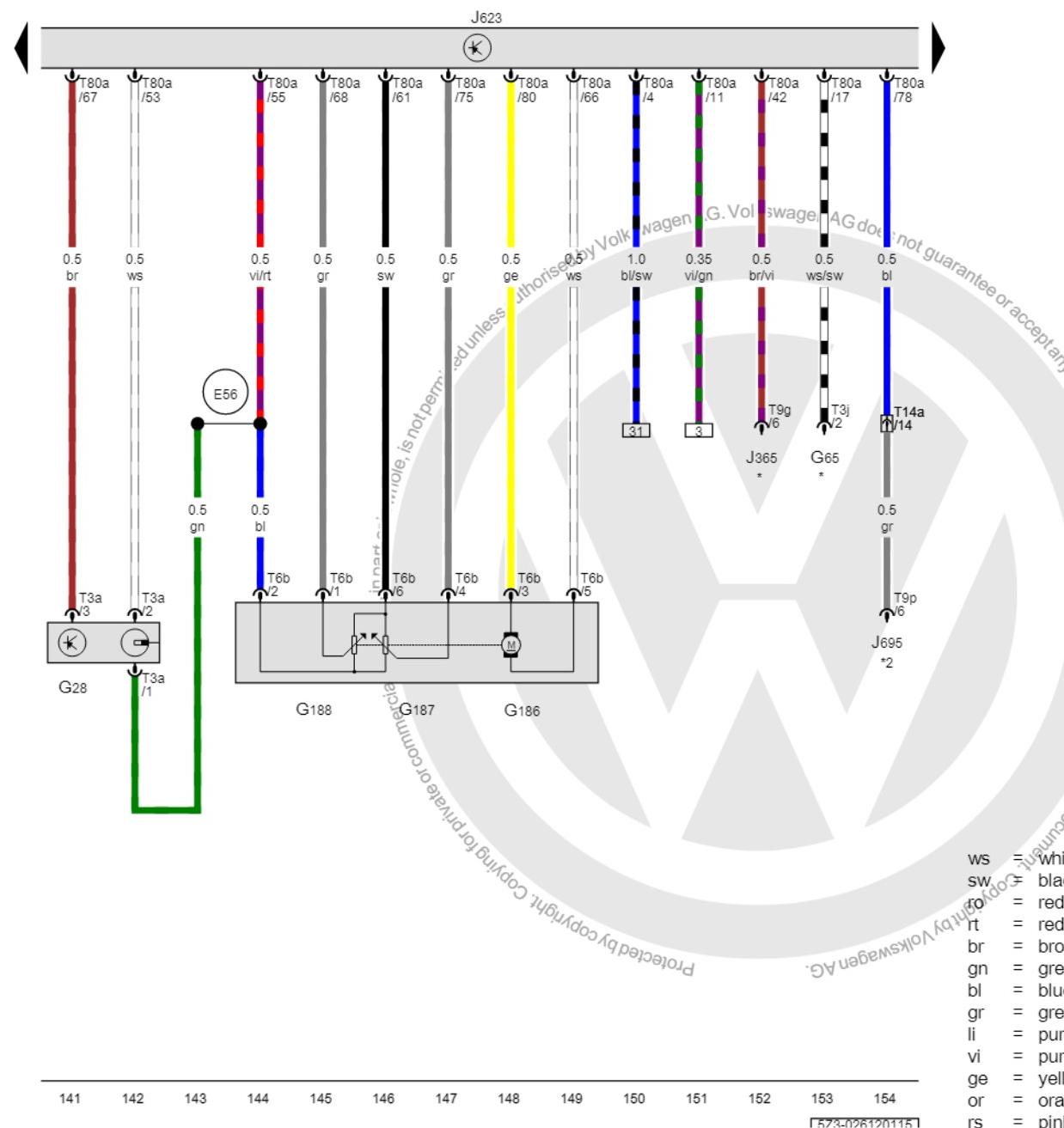
- | | |
|------|---|
| F | Brake light switch |
| F36 | Clutch pedal switch |
| F47 | Brake pedal switch |
| G65 | High-pressure sender |
| J17 | Fuel pump relay |
| J104 | ABS control unit |
| J217 | Automatic gearbox control unit |
| J234 | Airbag control unit |
| J365 | Air conditioning system switch-off relay |
| J393 | Convenience system central control unit |
| J446 | Parking aid control unit |
| J623 | Engine control unit |
| T3j | 3-pin connector |
| T4l | 4-pin connector |
| T4m | 4-pin connector |
| T9g | 9-pin connector |
| T9j | 9-pin connector |
| T16a | 16-pin connector |
| T16e | 16-pin connector |
| T23a | 23-pin connector |
| T38a | 38-pin connector |
| T75a | 75-pin connector |
| T80a | 80-pin connector |
| T80b | 80-pin connector |
| B277 | Positive connection 1 (15a) in main wiring harness |
| B335 | Connection 1 (54), in main wiring harness |
| B625 | Connection (K-diagnosis wire), in main wiring harness |
| * | Only models with air conditioning system |
| *2 | Diagnostic connection |
| *3 | Only models with automated manual gearbox |

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Engine control unit, Radiator fan series resistor, Radiator fan

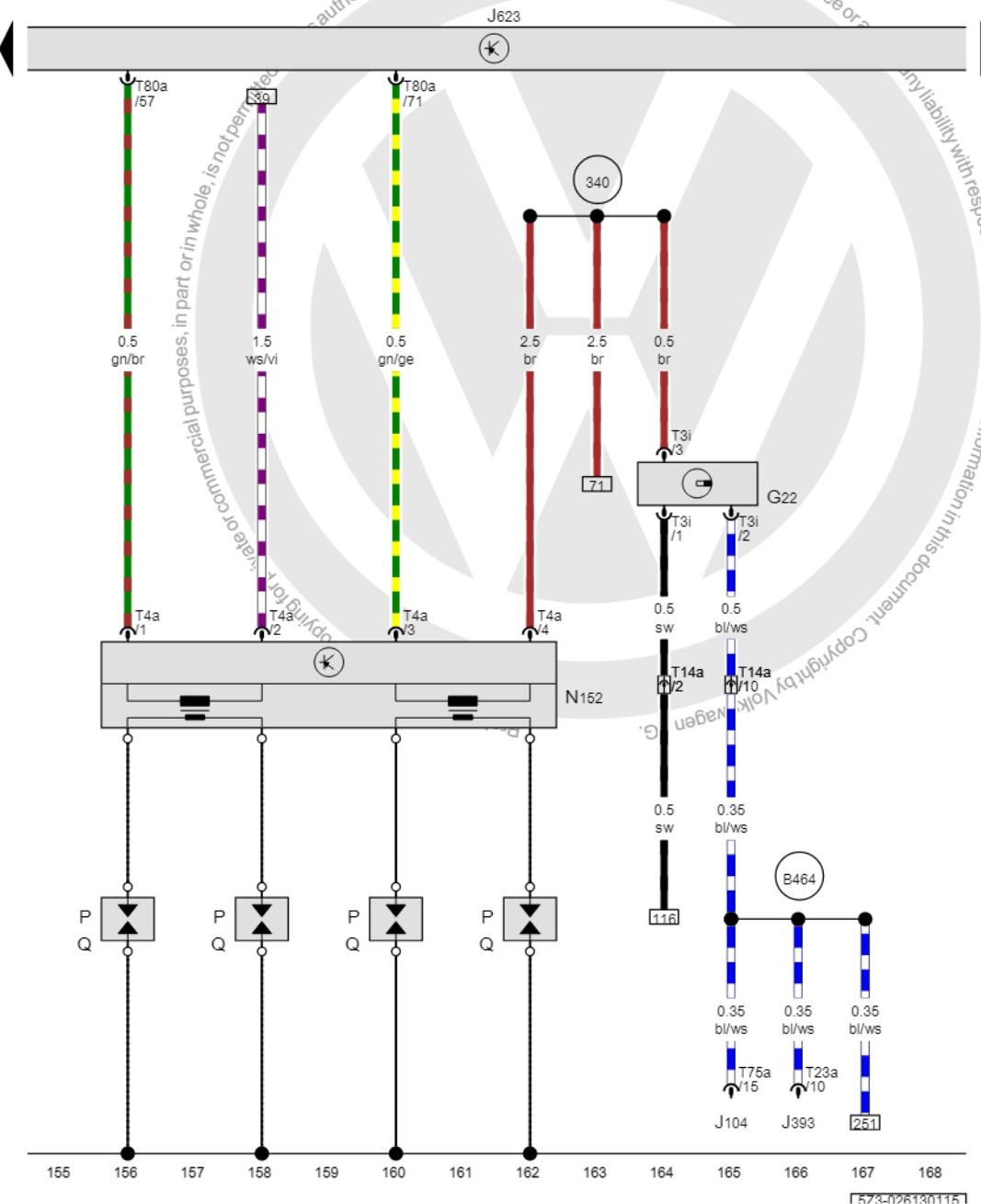
- J104 ABS control unit
 J217 Automatic gearbox control unit
 J234 Airbag control unit
 J623 Engine control unit
 N39 Radiator fan series resistor
 T2de 2-pin connector
 T2df 2-pin connector
 T3ae 3-pin connector
 T38a 38-pin connector
 T75a 75-pin connector
 T80a 80-pin connector
 T80b 80-pin connector
 V7 Radiator fan
- 378 Earth connection 13, in main wiring harness
 671 Earth point 1, on front of left longitudinal member
 B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
 B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- * Only models with no air conditioning system
 *2 Only models with air conditioning system
 *3 Only models with automated manual gearbox



Engine speed sender, Throttle valve drive for electric throttle, Throttle valve drive angle sender 1 for electric throttle, Throttle valve drive angle sender 2 for electric throttle, Engine control unit

- G28 Engine speed sender
 - G65 High-pressure sender
 - G186 Throttle valve drive for electric throttle
 - G187 Throttle valve drive angle sender 1 for electric throttle
 - G188 Throttle valve drive angle sender 2 for electric throttle
 - J365 Air conditioning system switch-off relay
 - J623 Engine control unit
 - J695 Starter motor relay 2
 - T3a 3-pin connector
 - T3j 3-pin connector
 - T6b 6-pin connector
 - T9g 9-pin connector
 - T9p 9-pin connector
 - T14a 14-pin connector, on left in engine compartment
 - T80a 80-pin connector
 - E56 Connection 1, in injection system wiring harness
- * Only models with air conditioning system
*2 Only models with automated manual gearbox

Speedometer sender, Engine control unit, Ignition transformer, Spark plug connector, Spark plugs



- G22 Speedometer sender
 J104 ABS control unit
 J393 Convenience system central control unit
 J623 Engine control unit
 N152 Ignition transformer
 P Spark plug connector
 Q Spark plugs
 T3i 3-pin connector
 T4a 4-pin connector
 T14a 14-pin connector, on left in engine compartment
 T23a 23-pin connector
 T75a 75-pin connector
 T80a 80-pin connector

- 340 Earth connection 2, in injection system wiring harness
 B464 Connection (speed signal), in main wiring harness

Coolant temperature sender, Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

G62 Coolant temperature sender

J623 Engine control unit

N30 Injector, cylinder 1

N31 Injector, cylinder 2

N32 Injector, cylinder 3

N33 Injector, cylinder 4

T2cq 2-pin connector

T2e 2-pin connector

T2f 2-pin connector

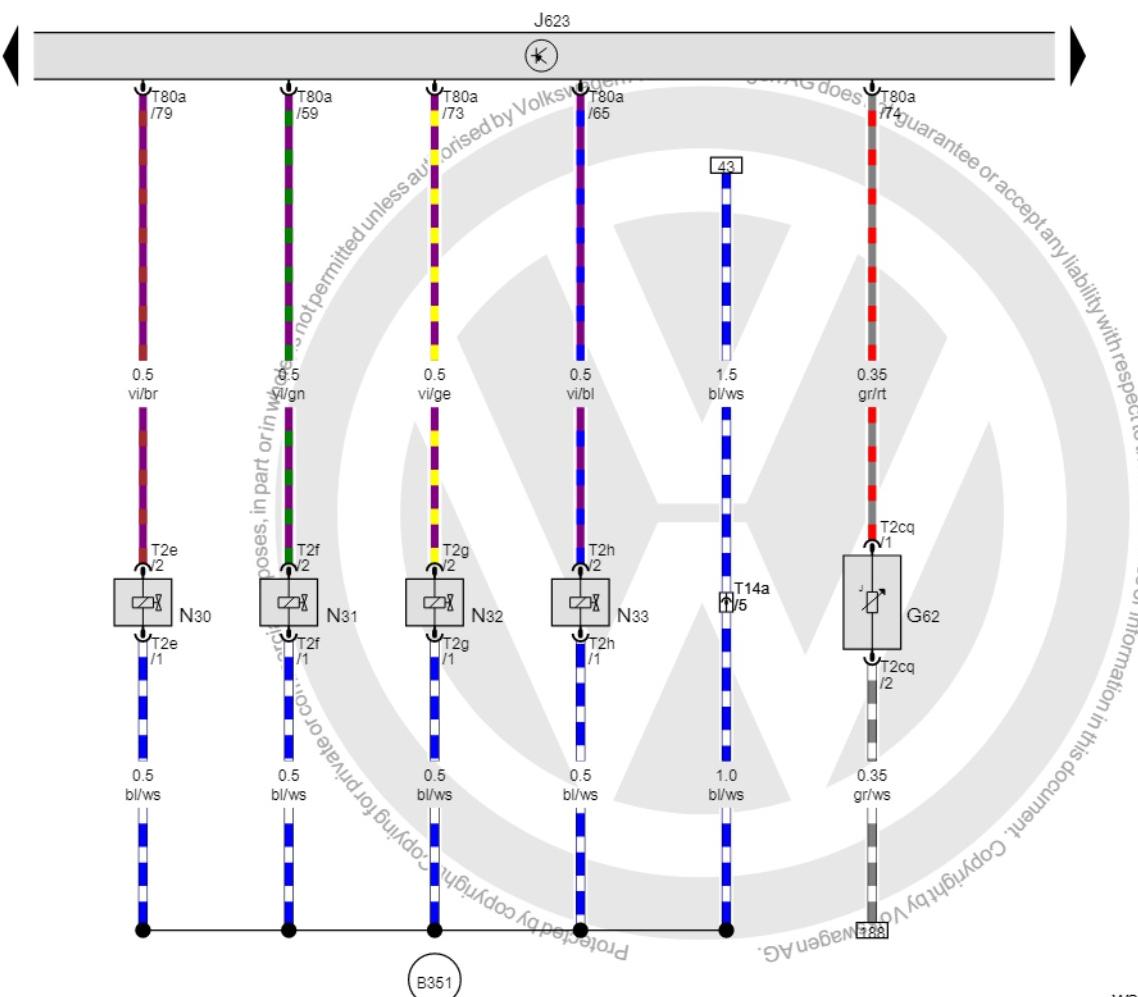
T2g 2-pin connector

T2h 2-pin connector

T14a 14-pin connector, on left in engine compartment

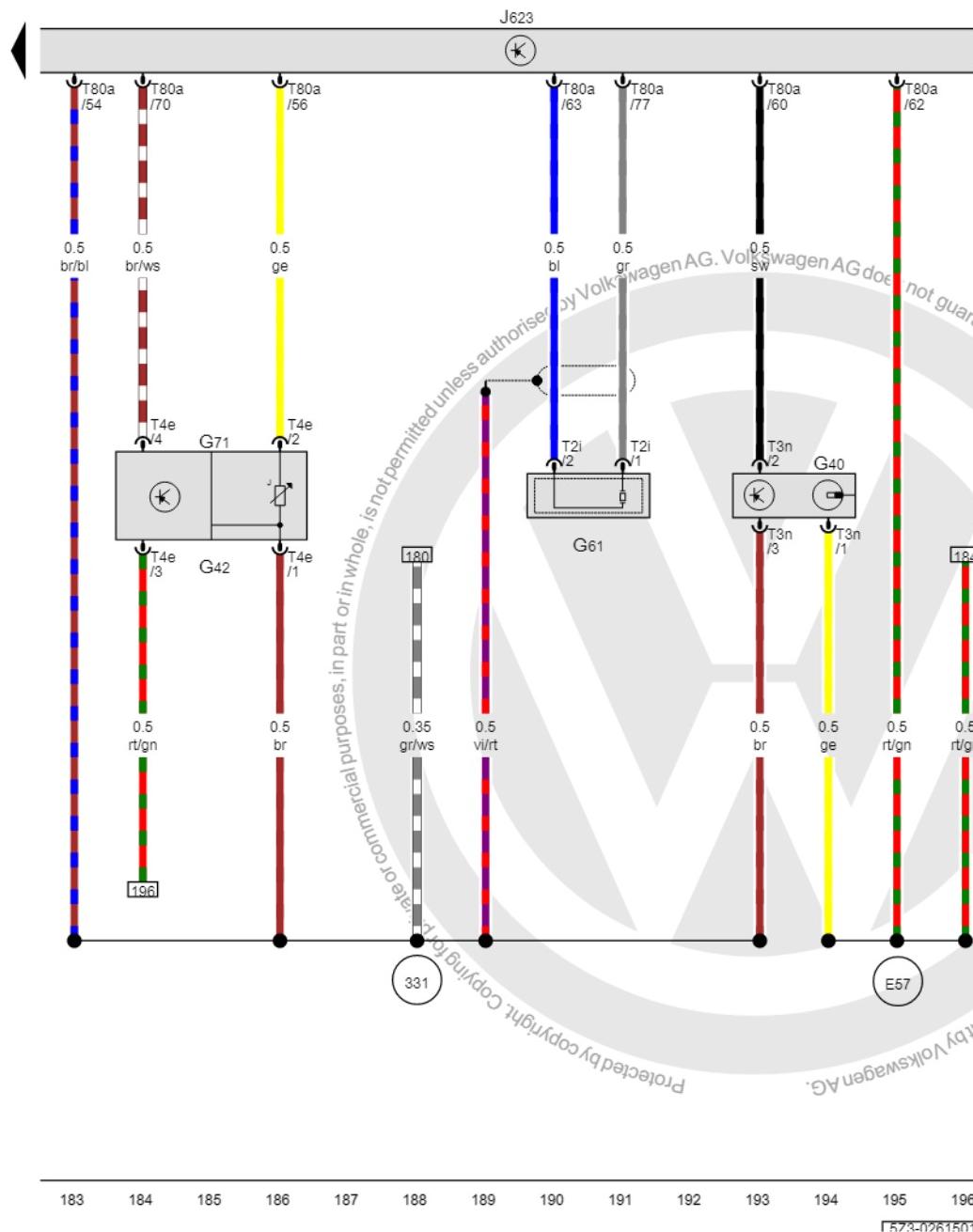
T80a 80-pin connector

B351 Positive connection 2 (87a) in main wiring harness



ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

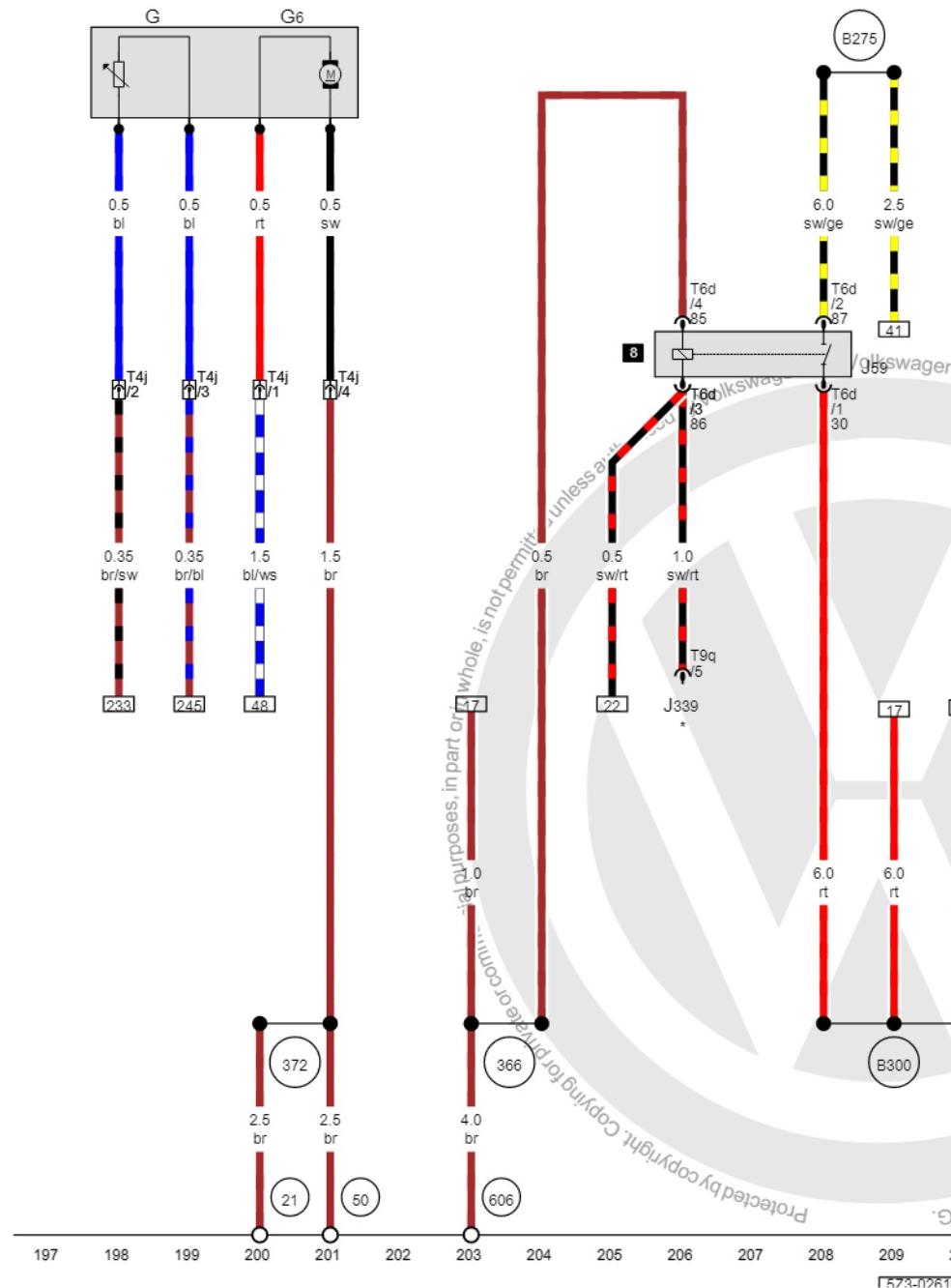
Hall sender, Intake air temperature sender, Knock sensor 1,
Intake manifold pressure sender, Engine control unit



- G40 Hall sender
 G42 Intake air temperature sender
 G61 Knock sensor 1
 G71 Intake manifold pressure sender
 J623 Engine control unit
 T2i 2-pin connector
 T3n 3-pin connector
 T4e 4-pin connector
 T80a 80-pin connector

- 331 Earth connection, in injection system wiring harness
 E57 Connection 2, in injection system wiring harness

ws	= white
bs	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

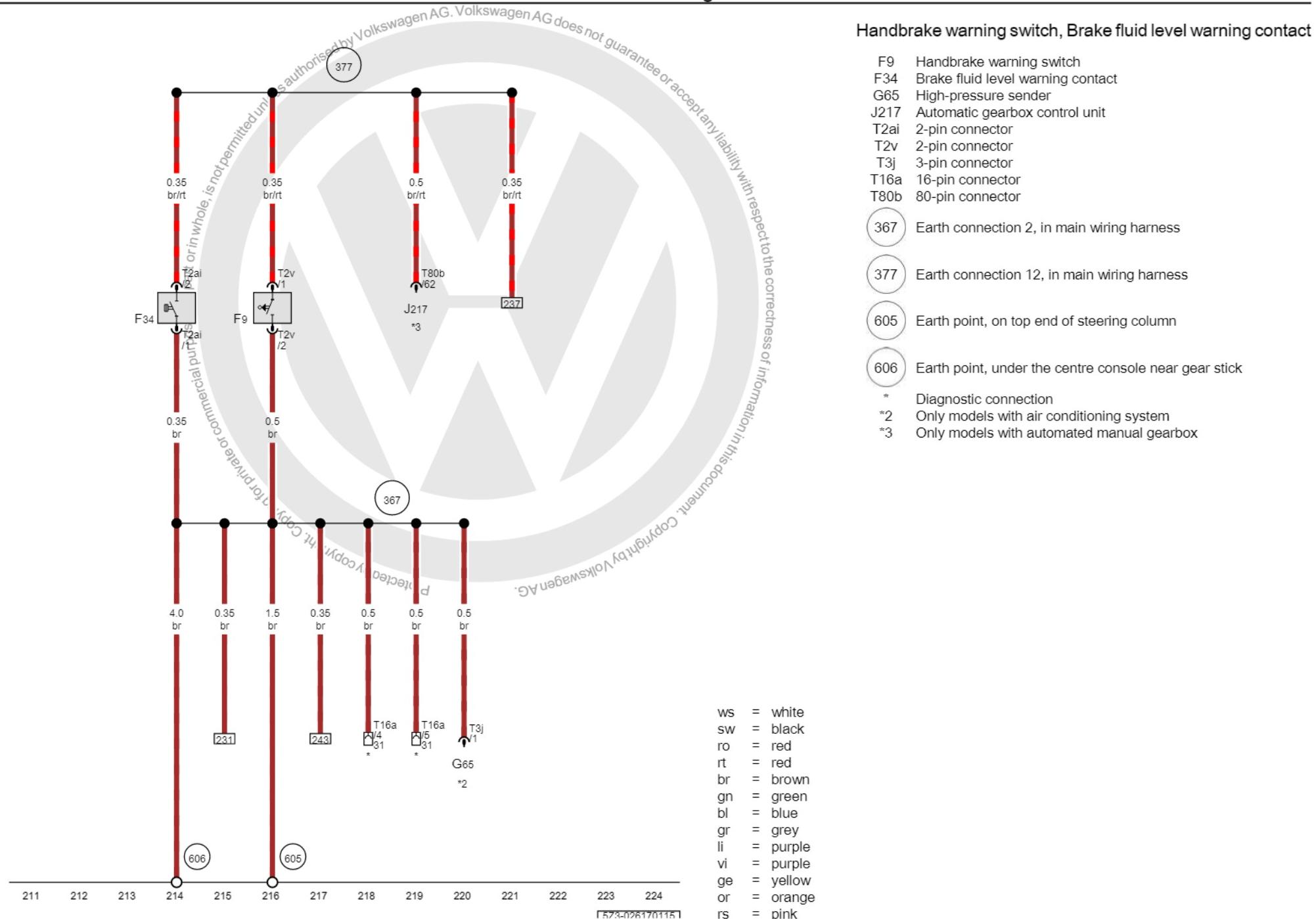


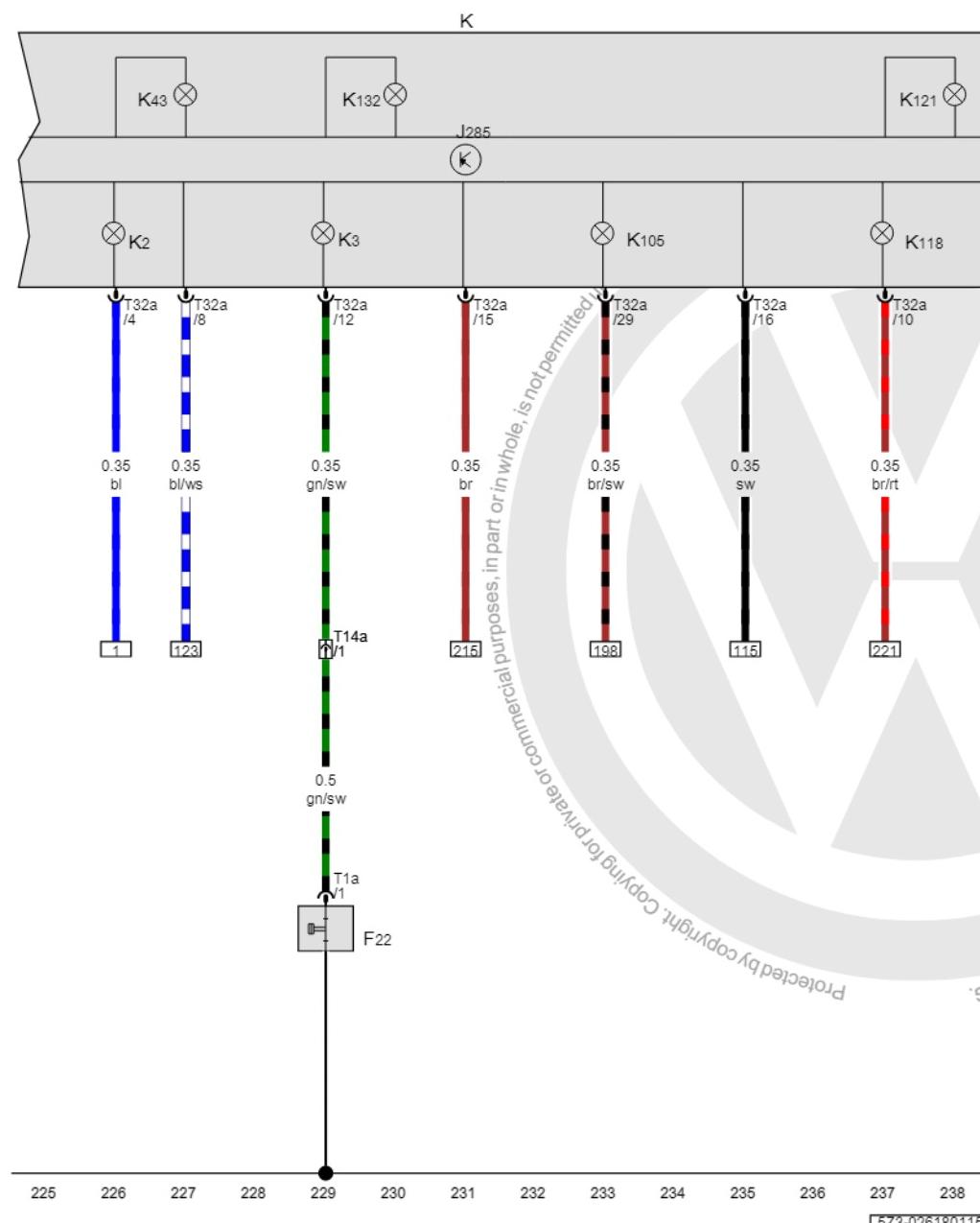
Fuel gauge sender, Fuel system pressurisation pump, X-contact relief relay

G Fuel gauge sender
 G6 Fuel system pressurisation pump
 J59 X-contact relief relay
 J339 X contact relief relay 2
 T4j 4-pin connector
 T6d 6-pin connector
 T9q 9-pin connector

- (21) Earth point, near fuel pump
 - (50) Earth point, on left in luggage compartment
 - (366) Earth connection 1, in main wiring harness
 - (372) Earth connection 7, in main wiring harness
 - (606) Earth point, under the centre console near gear stick
 - (B275) Positive connection (87), in main wiring harness
 - (B300) Positive connection 4 (30), in main wiring harness
- Only models with automated manual gearbox

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 ge = purple
 vi = purple
 or = yellow
 rs = orange



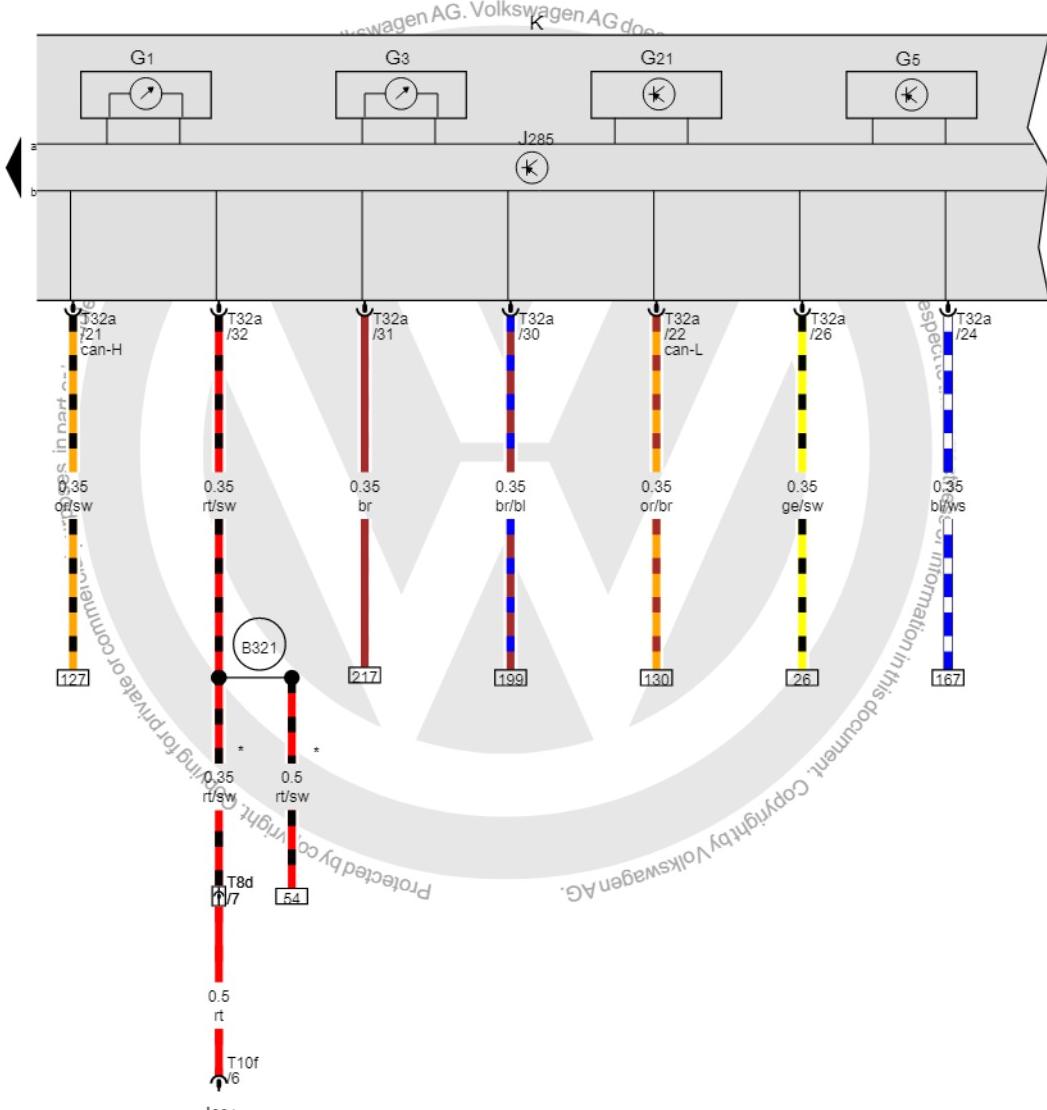


Oil pressure switch, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp, Oil pressure warning lamp, Reserve fuel warning lamp, Brake system warning lamp, Malfunction warning lamp, Electronic power control fault lamp

- F22 Oil pressure switch
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- K3 Oil pressure warning lamp
- K43 Coolant temperature warning lamp (too cold)
- K105 Reserve fuel warning lamp
- K118 Brake system warning lamp
- K121 Malfunction warning lamp
- K132 Electronic power control fault lamp
- T1a Single connector
- T14a 14-pin connector, on left in engine compartment
- T32a 32-pin connector

ws	= white
sw	= black
rt	= red
br	= red
gn	= brown
bl	= green
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

Fuel gauge, Coolant temperature gauge, Rev. counter,
Speedometer, Control unit in dash panel insert, Dash panel
insert



ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

239 240 241 242 243 244 245 246 247 248 249 250 251 252

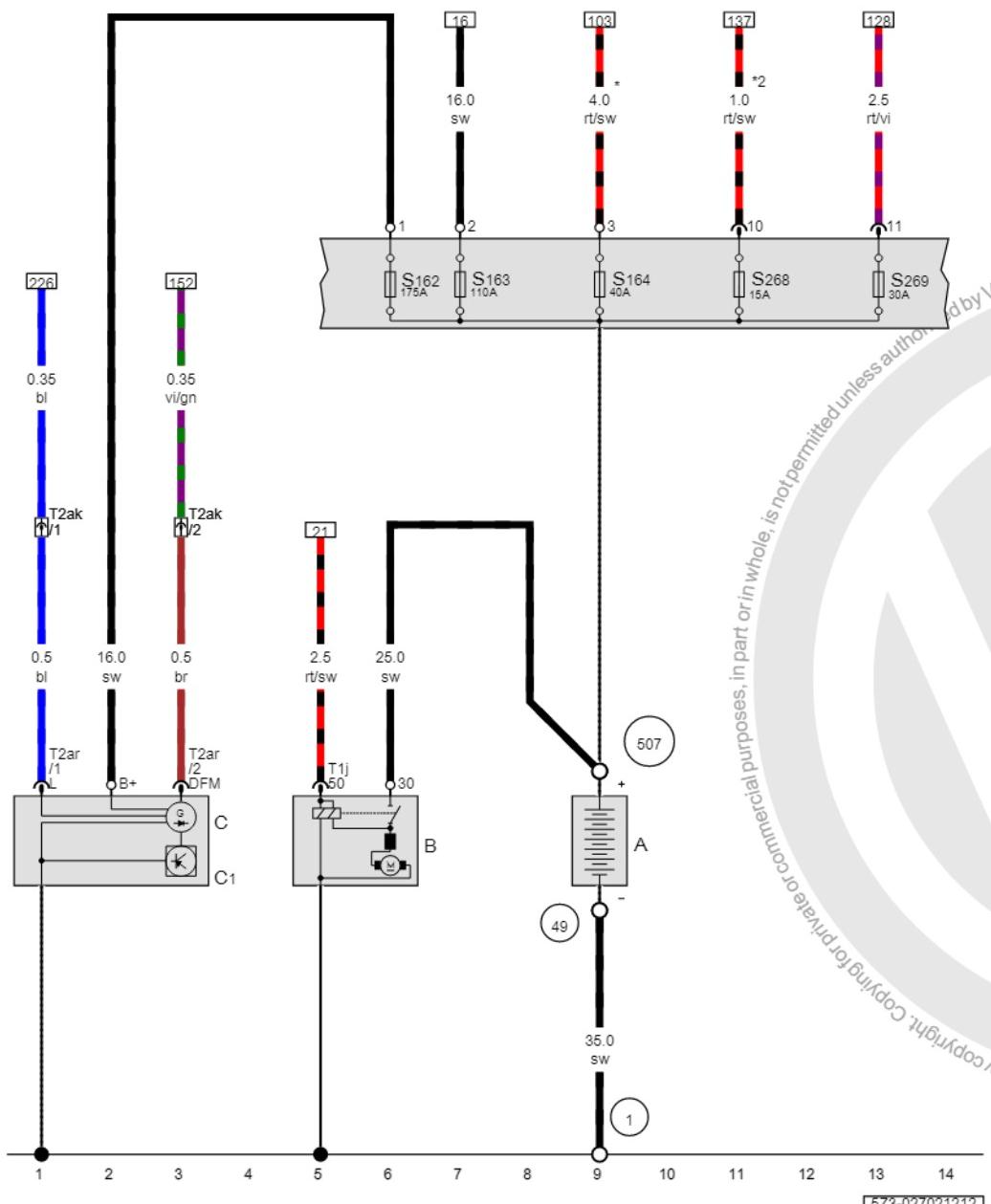
1573-0261901151

1.6l engine , CFZA

From April 2012



Battery, Starter, Alternator, Voltage regulator



Copyright by Volkswagen AG.
Prohibited to copy or publish in part or in whole, is not permitted unless authorized by Volkswagen AG.

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
S162	Fuse 1 (30), in battery fuse holder
S163	Fuse 2 (30), in battery fuse holder
S164	Fuse 3 (30), in battery fuse holder
S268	Fuse 10 (30), in battery fuse holder
S269	Fuse 11 (30), in battery fuse holder
T1j	Single connector
T2ak	2-pin connector, in engine compartment
T2ar	2-pin connector

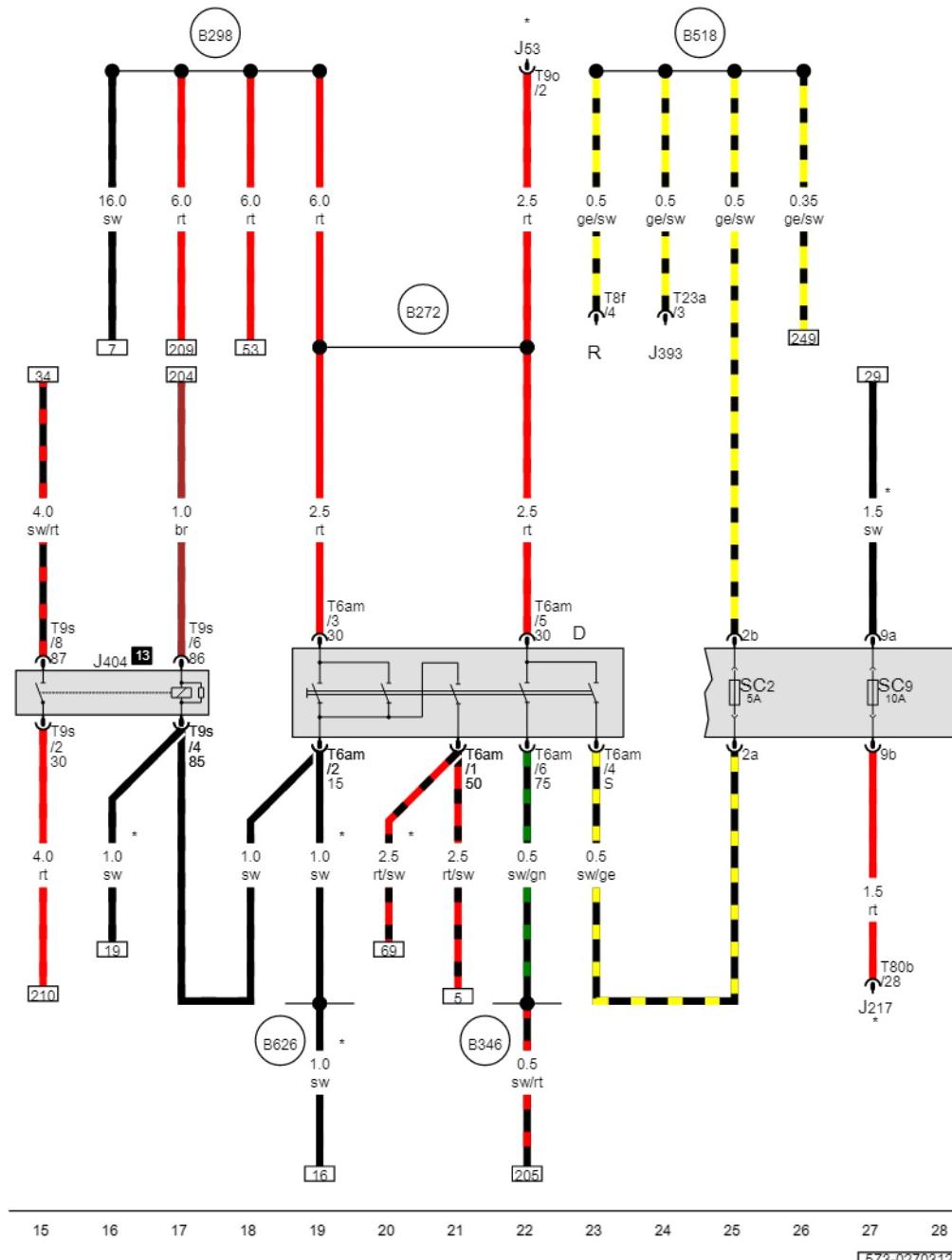
- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder
- * Only models with air conditioning system
- *2 Only models with automated manual gearbox

Ignition/starter switch, Terminal 15 relief relay

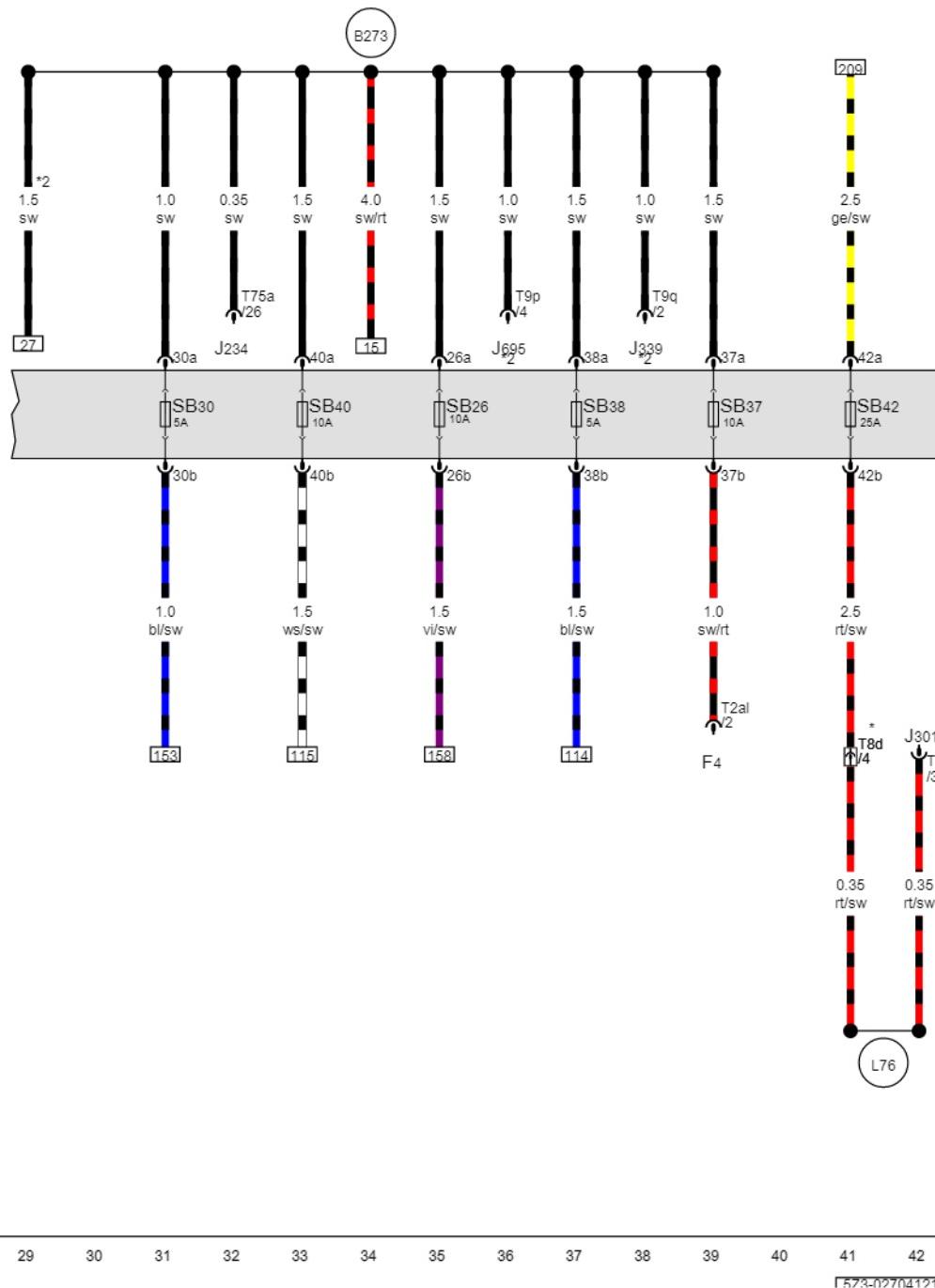
D Ignition/starter switch
 J53 Starter motor relay
 J217 Automatic gearbox control unit
 J393 Convenience system central control unit
 J404 Terminal 15 relief relay

R Radio
 SC2 Fuse 2 on fuse holder C
 SC9 Fuse 9 on fuse holder C
 T6am 6-pin connector
 T8f 8-pin connector
 T9o 9-pin connector
 T9s 9-pin connector
 T23a 23-pin connector
 T80b 80-pin connector

B272 Positive connection (30), in main wiring harness
 B298 Positive connection 2 (30), in main wiring harness
 B346 Connection 1 (75), in main wiring harness
 B518 Connection (86s), in main wiring harness
 B626 Positive connection 2 (15), in main wiring harness
 * Only models with automated manual gearbox



Protected by copyright
Copyright by Volkswagen AG.
Commercial purposes, in part or in whole, is not permitted unless authorised by Volkswagen AG.



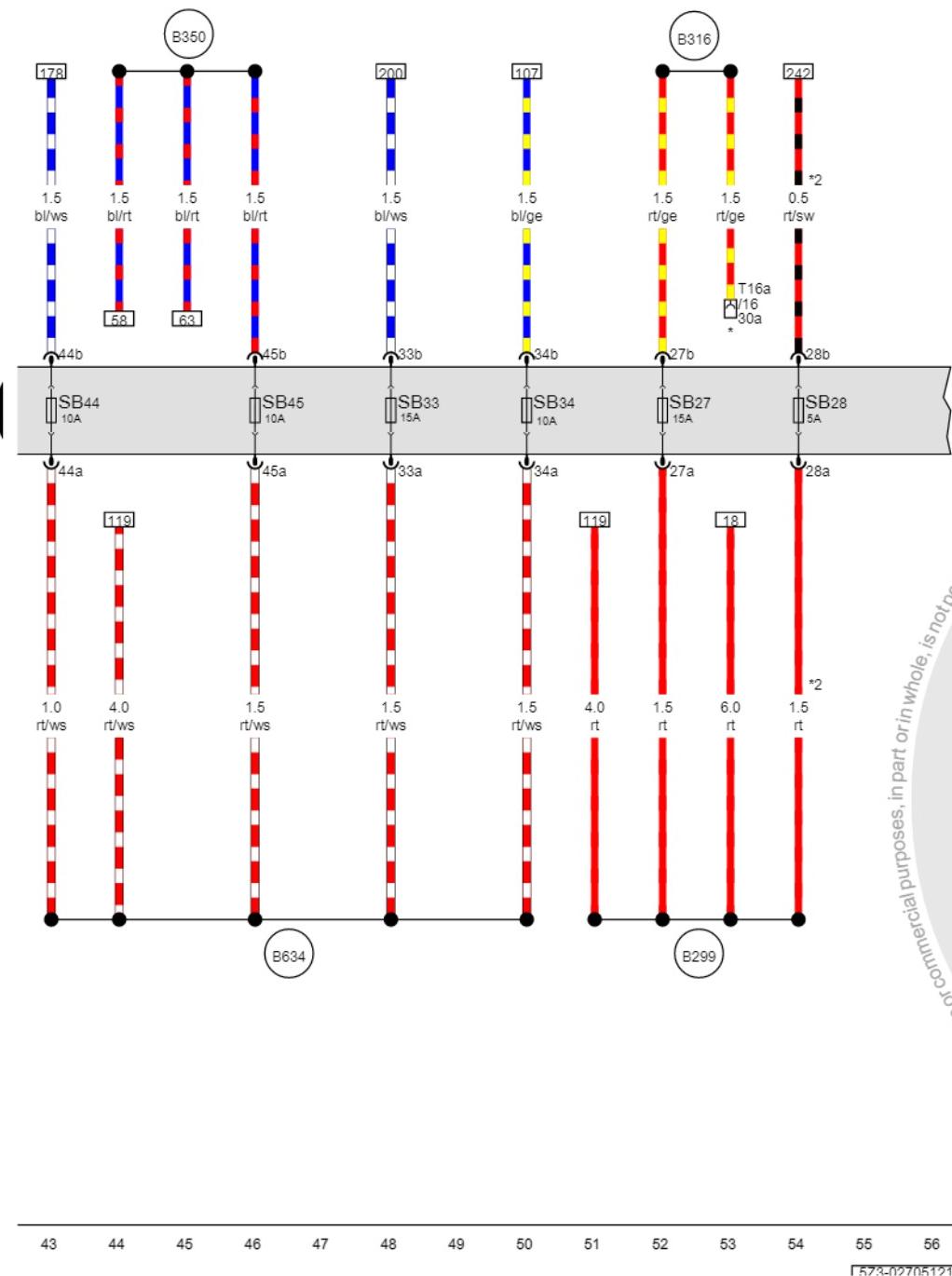
Fuse 26 on fuse holder B, Fuse 30 on fuse holder B, Fuse 37 on fuse holder B, Fuse 38 on fuse holder B, Fuse 40 on fuse holder B, Fuse 42 on fuse holder B

- F4 Reversing light switch
- J234 Airbag control unit
- J301 Air conditioning system control unit
- J339 X contact relief relay 2
- J695 Starter motor relay 2
- SB26 Fuse 26 on fuse holder B
- SB30 Fuse 30 on fuse holder B
- SB37 Fuse 37 on fuse holder B
- SB38 Fuse 38 on fuse holder B
- SB40 Fuse 40 on fuse holder B
- SB42 Fuse 42 on fuse holder B
- T2al 2-pin connector
- T8d 8-pin connector, behind dash panel, centre
- T9p 9-pin connector
- T9q 9-pin connector
- T10f 10-pin connector
- T75a 75-pin connector
- B273 Positive connection (15), in main wiring harness
- L76 Connection (87), in air conditioning system wiring harness

* Only models with air conditioning system
 *2 Only models with automated manual gearbox

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

Protected by copyright. Copying and/or unauthorized use of this document is illegal.
 Copyright by Volkswagen AG.



Fuse 27 on fuse holder B, Fuse 28 on fuse holder B, Fuse 33 on fuse holder B, Fuse 34 on fuse holder B, Fuse 44 on fuse holder B, Fuse 45 on fuse holder B

SB27 Fuse 27 on fuse holder B

SB28 Fuse 28 on fuse holder B

SB33 Fuse 33 on fuse holder B

SB34 Fuse 34 on fuse holder B

SB44 Fuse 44 on fuse holder B

SB45 Fuse 45 on fuse holder B

T16a 16-pin connector

B299 Positive connection 3 (30), in main wiring harness

B316 Positive connection 2 (30a) in main wiring harness

B350 Positive connection 1 (87a) in main wiring harness

B634 Positive connection 2 (87), in main wiring harness

* Diagnostic connection

*2 Only models with air conditioning system

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

1573-0270512121

Lambda probe, Lambda probe after catalytic converter,
Engine control unit

G39 Lambda probe

G130 Lambda probe after catalytic converter

J217 Automatic gearbox control unit

J623 Engine control unit

T4ah 4-pin connector

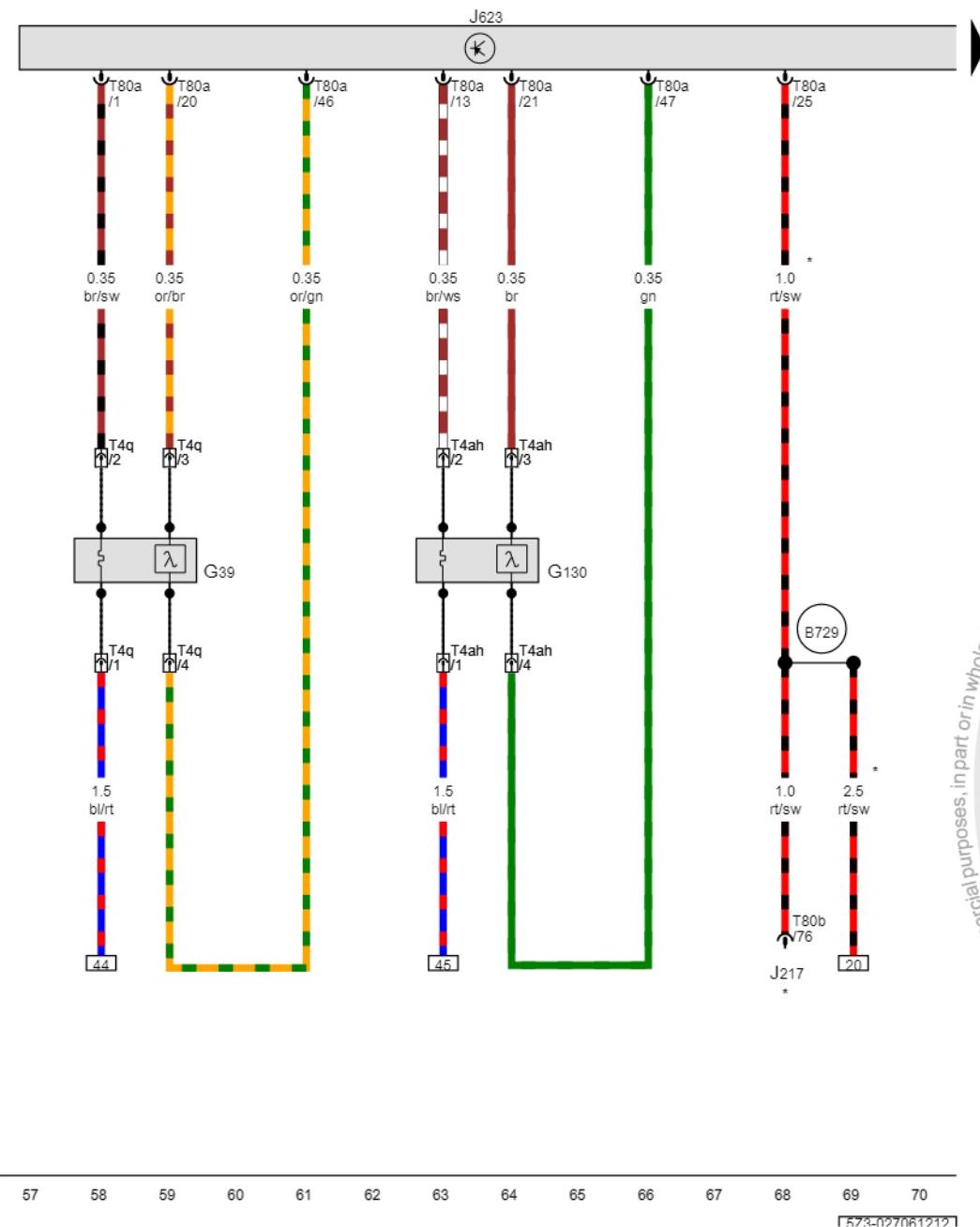
T4q 4-pin connector

T80a 80-pin connector

T80b 80-pin connector

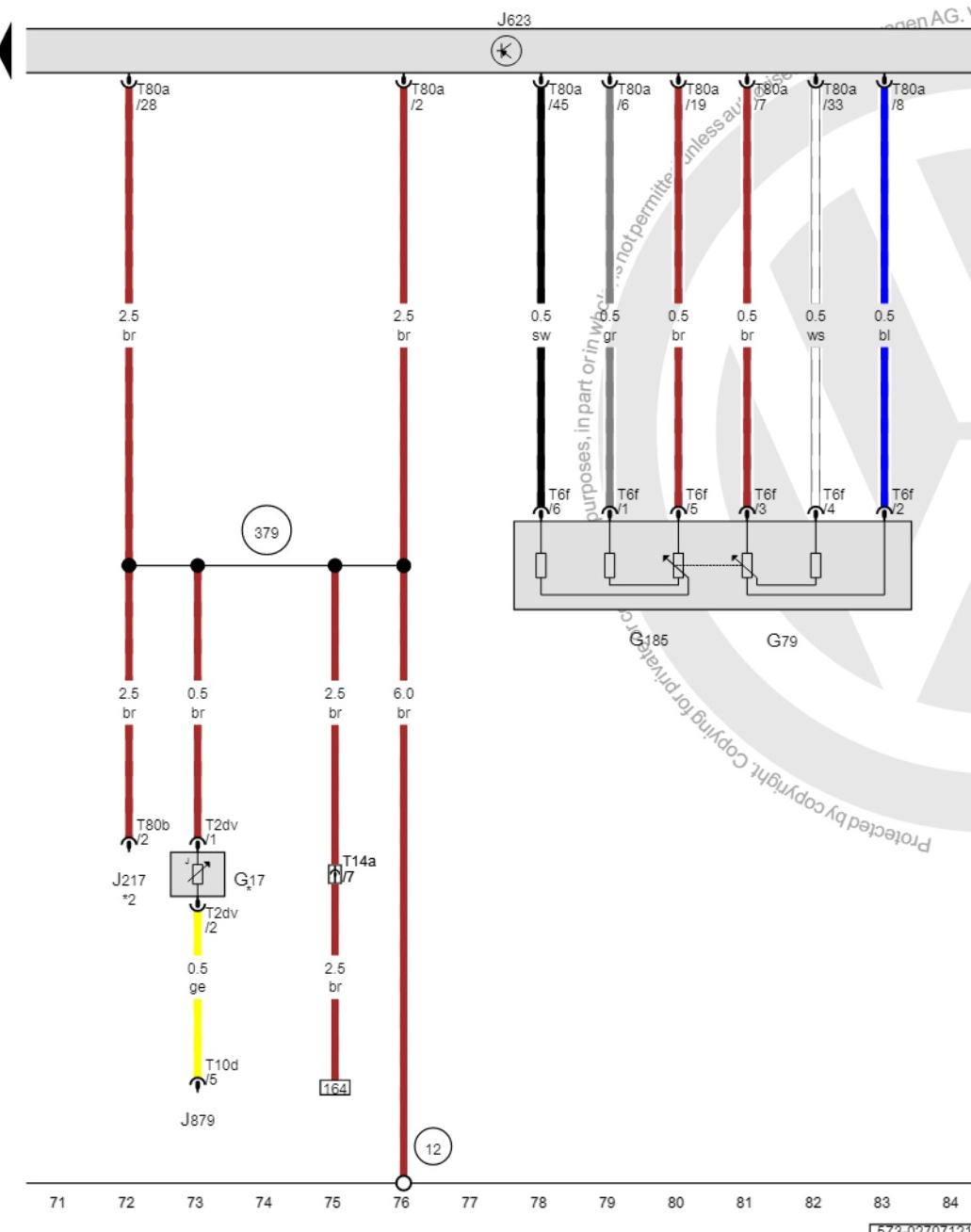
(B729) Connection 1 (50), in main wiring harness

* Only models with automated manual gearbox



Protected by copyright Volkswagen AG.
Commercial purposes, in part or in whole, is not permitted unless authorised by Volkswagen AG. Volkswagen AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copying by copying machine, photocopying, electronic or otherwise, is prohibited.

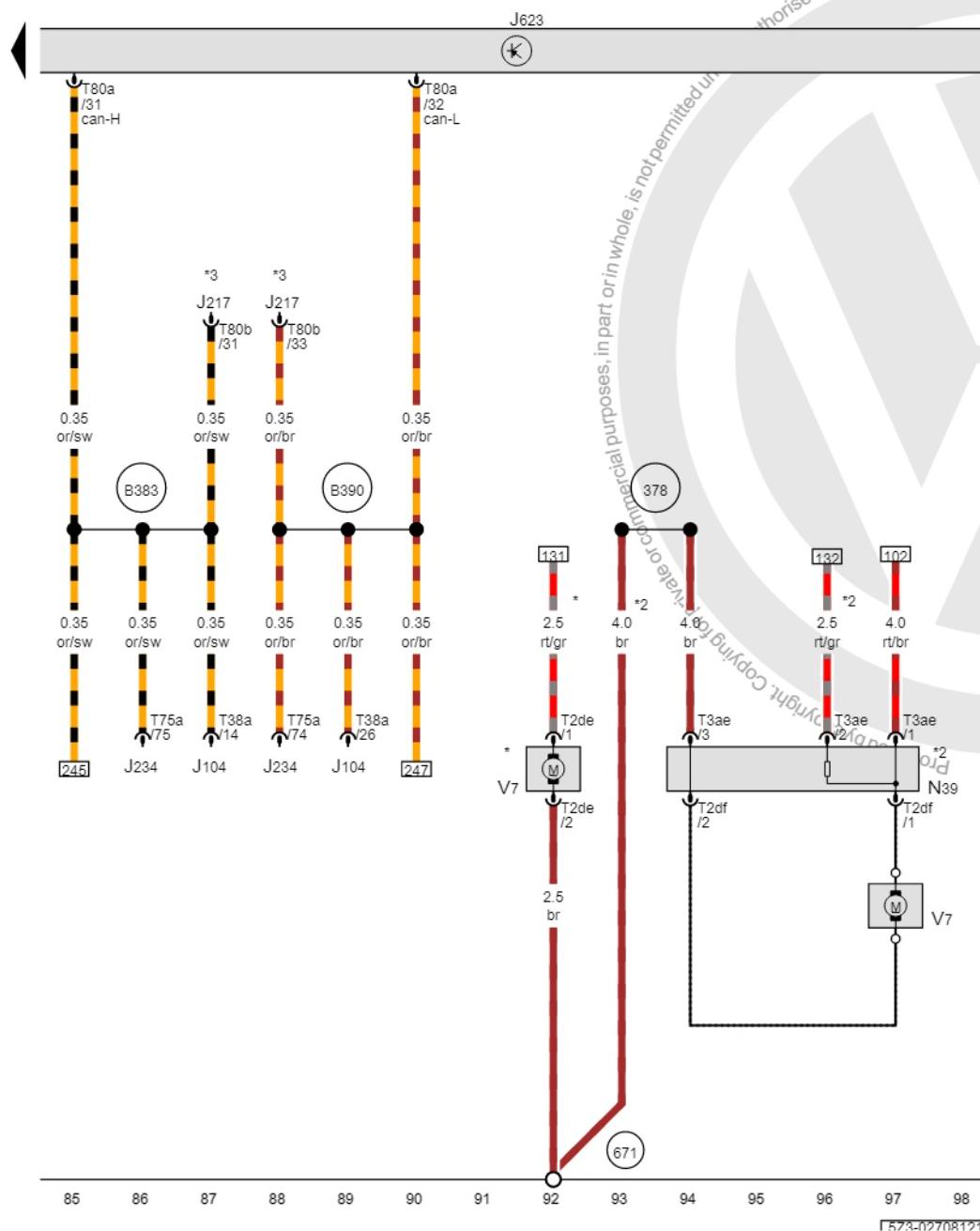
Ambient temperature sensor, Accelerator position sender,
Accelerator position sender 2, Engine control unit



- G17 Ambient temperature sensor
 G79 Accelerator position sender
 G185 Accelerator position sender 2
 J217 Automatic gearbox control unit
 J623 Engine control unit
 J879 Control unit for interactive system
 T2dv 2-pin connector
 T6f 6-pin connector
 T10d 10-pin connector
 T14a 14-pin connector, on left in engine compartment
 T80a 80-pin connector
 T80b 80-pin connector
- 12 Earth point, on left in engine compartment
- 379 Earth connection 14, in main wiring harness
- * For models with interactive system
 *2 Only models with automated manual gearbox

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Engine control unit, Radiator fan series resistor, Radiator fan



J104 ABS control unit

J217 Automatic gearbox control unit

J234 Airbag control unit

J623 Engine control unit

N39 Radiator fan series resistor

T2de 2-pin connector

T2df 2-pin connector

T3ae 3-pin connector

T38a 38-pin connector

T75a 75-pin connector

T80a 80-pin connector

T80b 80-pin connector

V7 Radiator fan

378 Earth connection 13, in main wiring harness

671 Earth point 1, on front of left longitudinal member

B383 Connection 1 (powertrain CAN bus, high), in main wiring harness

B390 Connection 1 (powertrain CAN bus, low), in main wiring harness

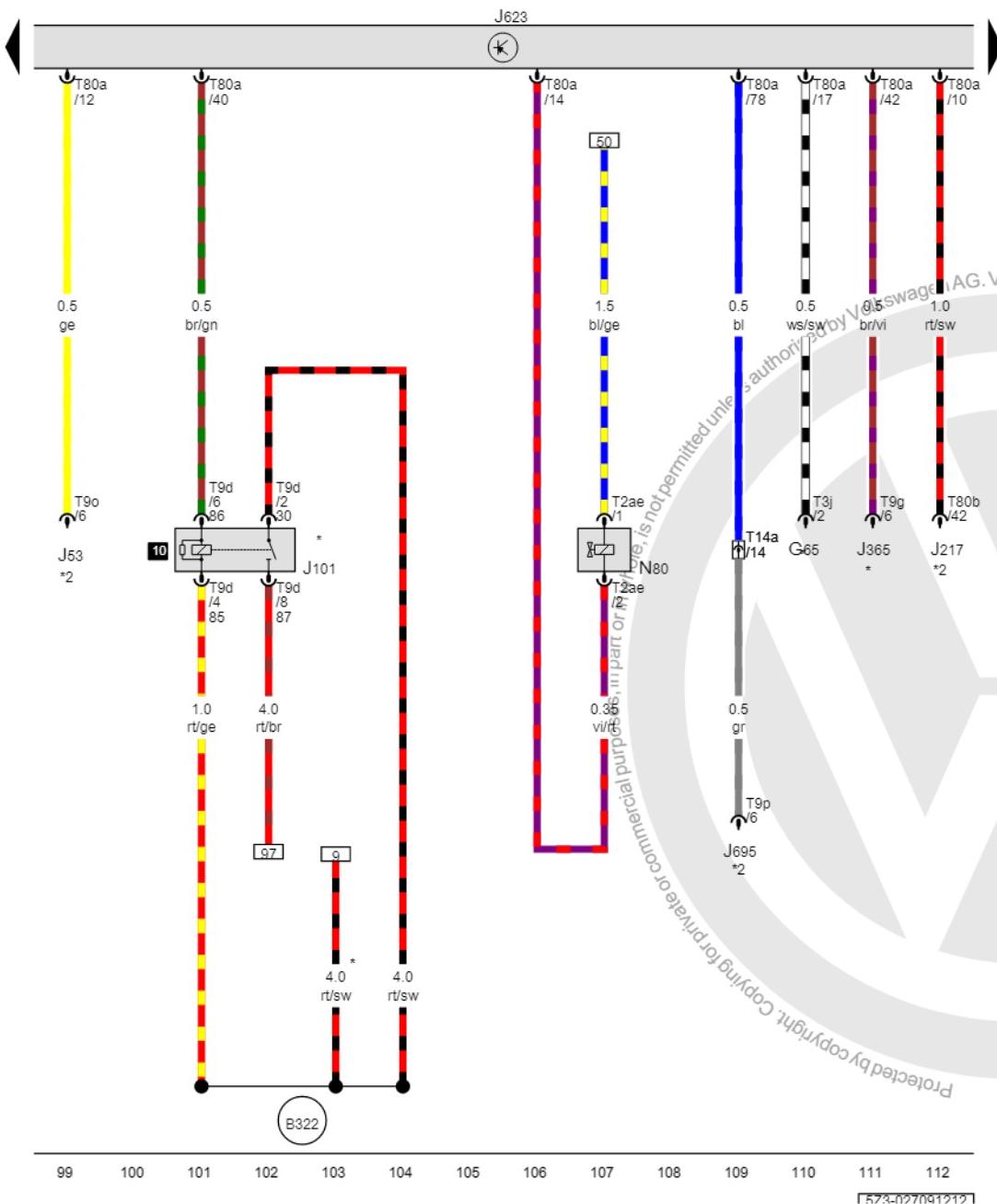
* Only models with no air conditioning system

*2 Only models with air conditioning system

*3 Only models with automated manual gearbox

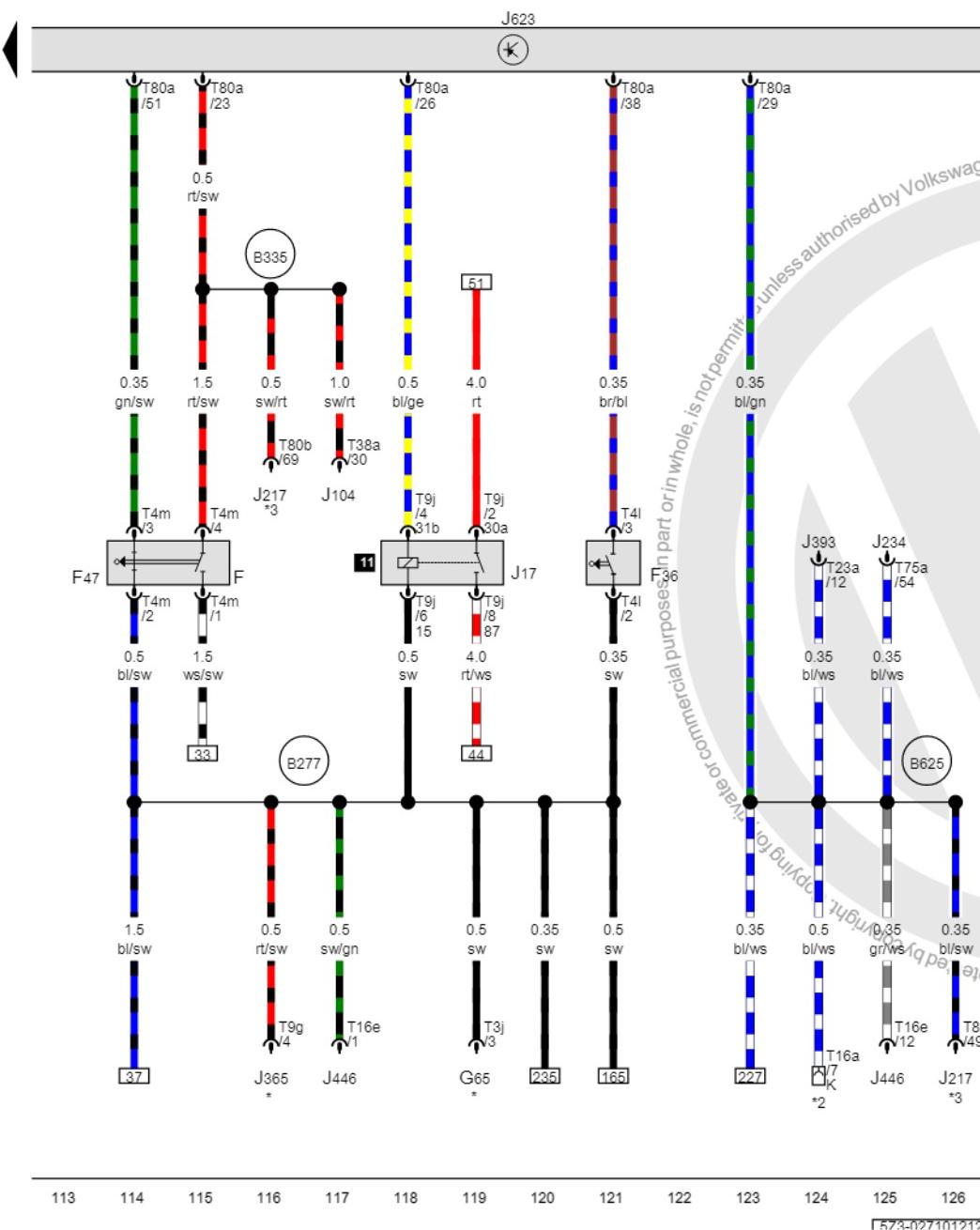
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Starter motor relay, Radiator fan 2nd speed relay, Engine control unit, Activated charcoal filter solenoid valve 1



ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

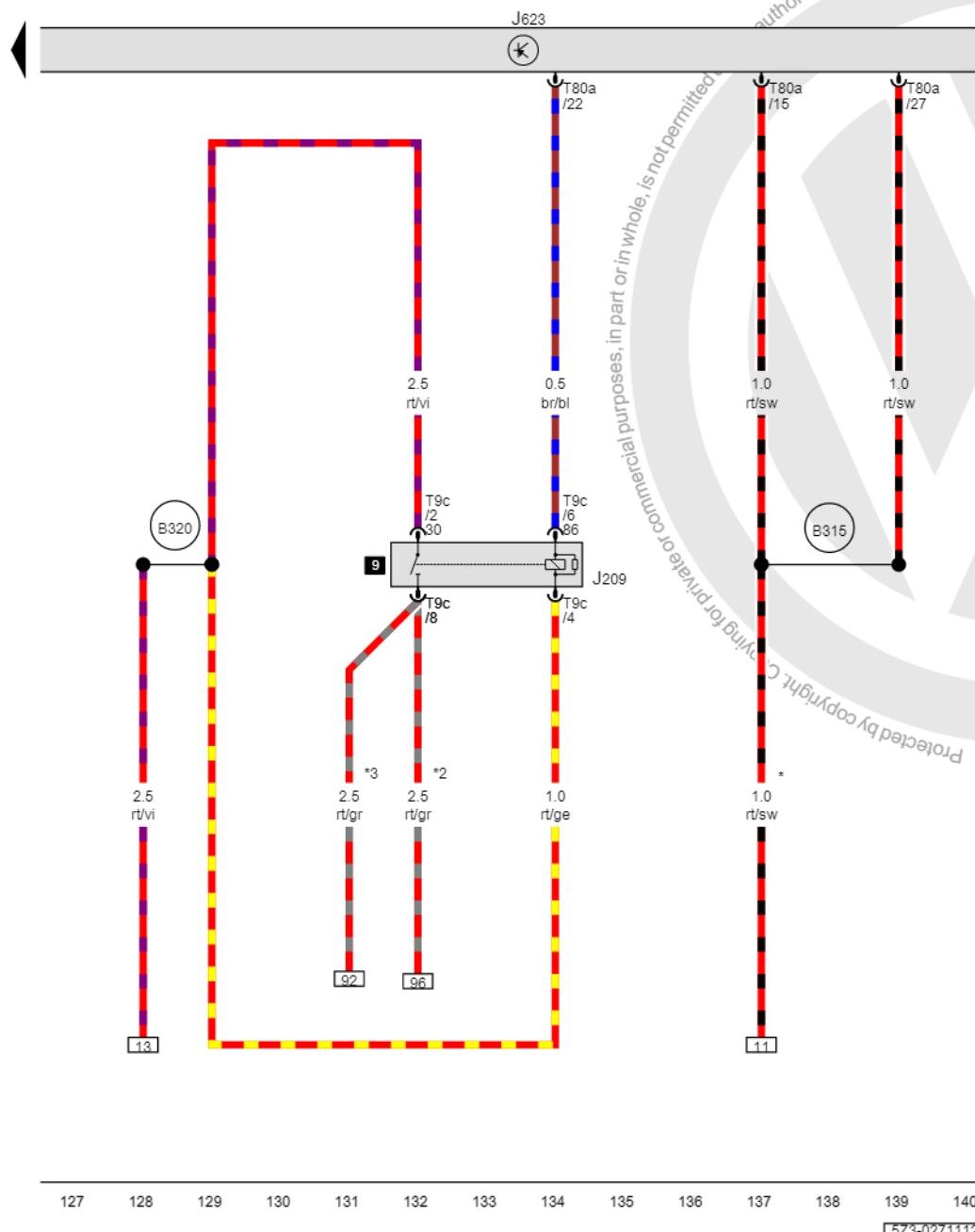
**Brake light switch, Clutch pedal switch, Brake pedal switch,
Fuel pump relay, Engine control unit**



- | | |
|---------------|--|
| F | Brake light switch |
| F36 | Clutch pedal switch |
| F47 | Brake pedal switch |
| G65 | High-pressure sender |
| J17 | Fuel pump relay |
| J104 | ABS control unit |
| J217 | Automatic gearbox control unit |
| J234 | Airbag control unit |
| J365 | Air conditioning system switch-off relay |
| J393 | Convenience system central control unit |
| J446 | Parking aid control unit |
| J623 | Engine control unit |
| T3j | 3-pin connector |
| T4l | 4-pin connector |
| T4m | 4-pin connector |
| T9g | 9-pin connector |
| T9j | 9-pin connector |
| T16a | 16-pin connector |
| T16e | 16-pin connector |
| T23a | 23-pin connector |
| T38a | 38-pin connector |
| T75a | 75-pin connector |
| T80a | 80-pin connector |
| T80b | 80-pin connector |
| B277 | Positive connection 1 (15a) in main wiring harness |
| B335 | Connection 1 (54), in main wiring harness |
| B625 | Connection (K-diagnosis wire), in main wiring harness |
| *
*2
*3 | Only models with air conditioning system
Diagnostic connection
Only models with automated manual gearbox |

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

Fresh air blower and radiator fan relay, Engine control unit



d209 Fresh air blower and radiator fan relay

J623 Engine control unit

T9c 9-pin connector

T80a 80-pin connector

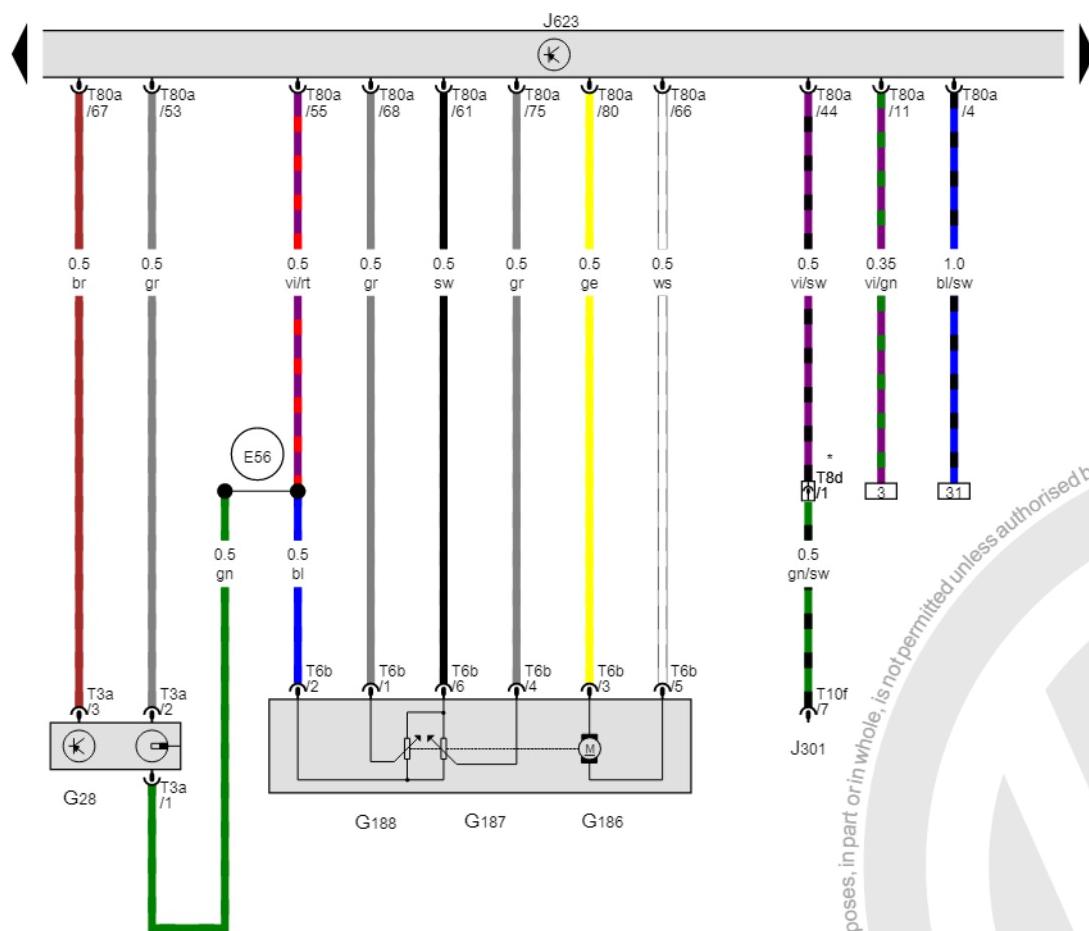
(B315) Positive connection 1 (30a) in main wiring harness

(B320) Positive connection 6 (30a) in main wiring harness

• Collected in one volume

*2 Only models with air conditioning system.

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink



Engine speed sender, Throttle valve drive for electric throttle, Throttle valve angle sender 1 for electric throttle, Throttle valve angle sender 2 for electric throttle, Engine control unit

- G28 Engine speed sender
- G186 Throttle valve drive for electric throttle
- G187 Throttle valve angle sender 1 for electric throttle
- G188 Throttle valve angle sender 2 for electric throttle
- J301 Air conditioning system control unit
- J623 Engine control unit
- T3a 3-pin connector
- T6b 6-pin connector
- T8d 8-pin connector, behind dash panel, centre
- T10f 10-pin connector
- T80a 80-pin connector

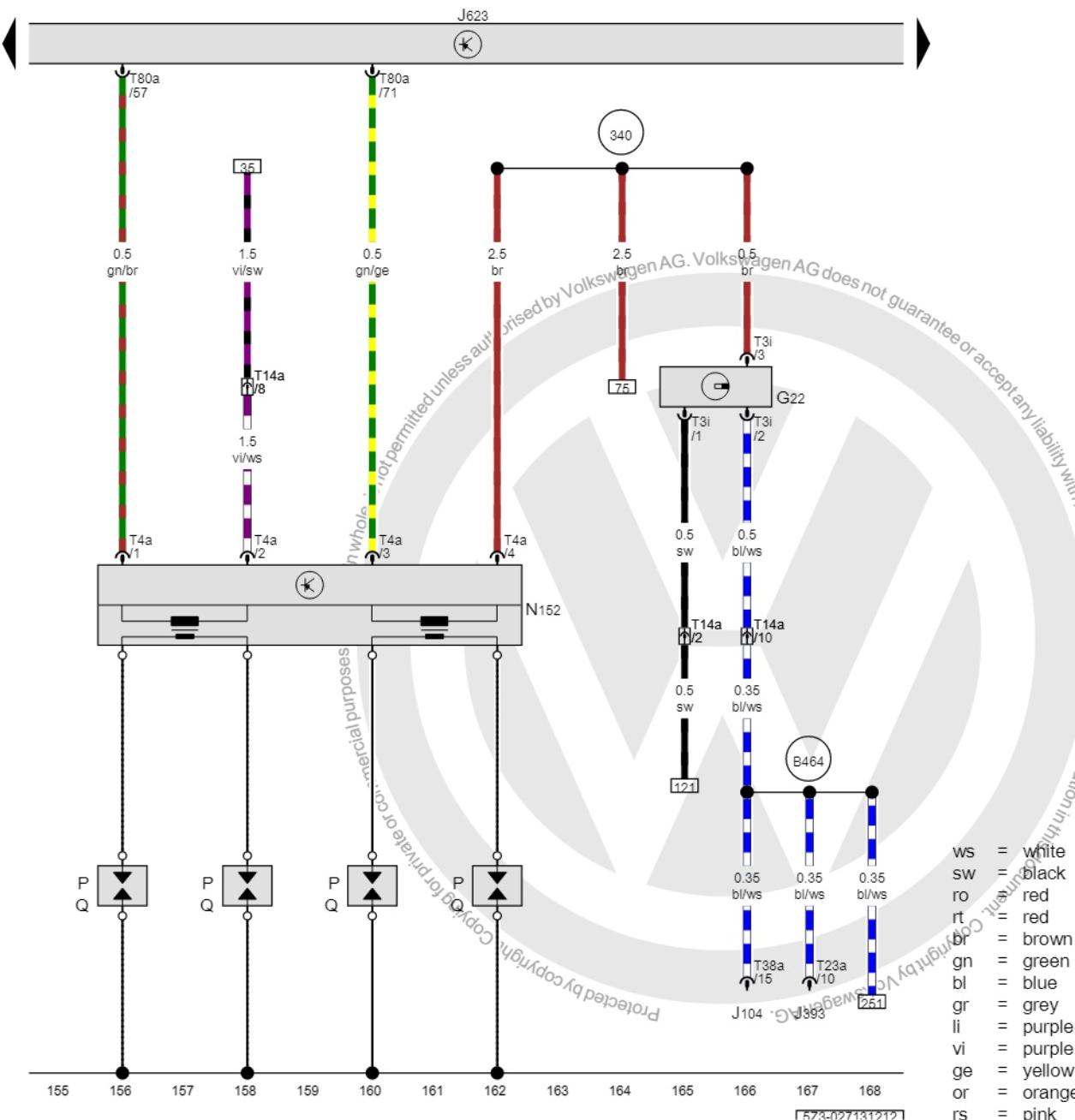
E56 Connection 1, in injection system wiring harness

* Only models with air conditioning system

Copyright © Volkswagen AG. Volkswagen does not guarantee or accept any liability with respect to the correctness of information in this document. Copying for private commercial purposes, in part or in whole, is not permitted unless authorised by Volkswagen AG.

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
pink	= pink

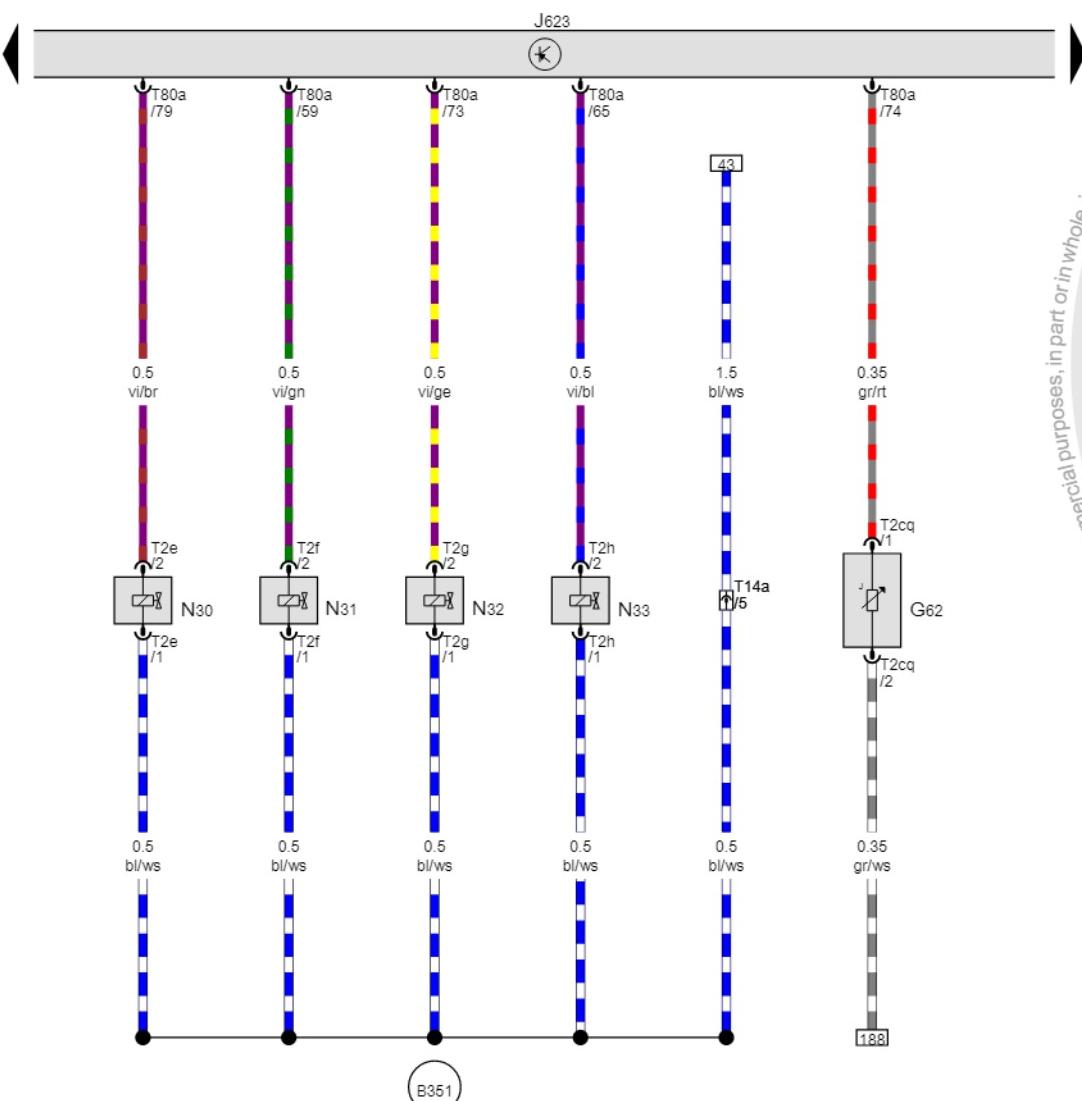
Speedometer sender, Engine control unit, Ignition
transformer, Spark plug connector, Spark plugs



ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

Coolant temperature sender, Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

G62	Coolant temperature sender
J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2cq	2-pin connector
T2e	2-pin connector
T2f	2-pin connector
T2g	2-pin connector
T2h	2-pin connector
T14a	14-pin connector, on left in engine compartment
T80a	80-pin connector
B351	Positive connection 2 (87a) in main wiring harness

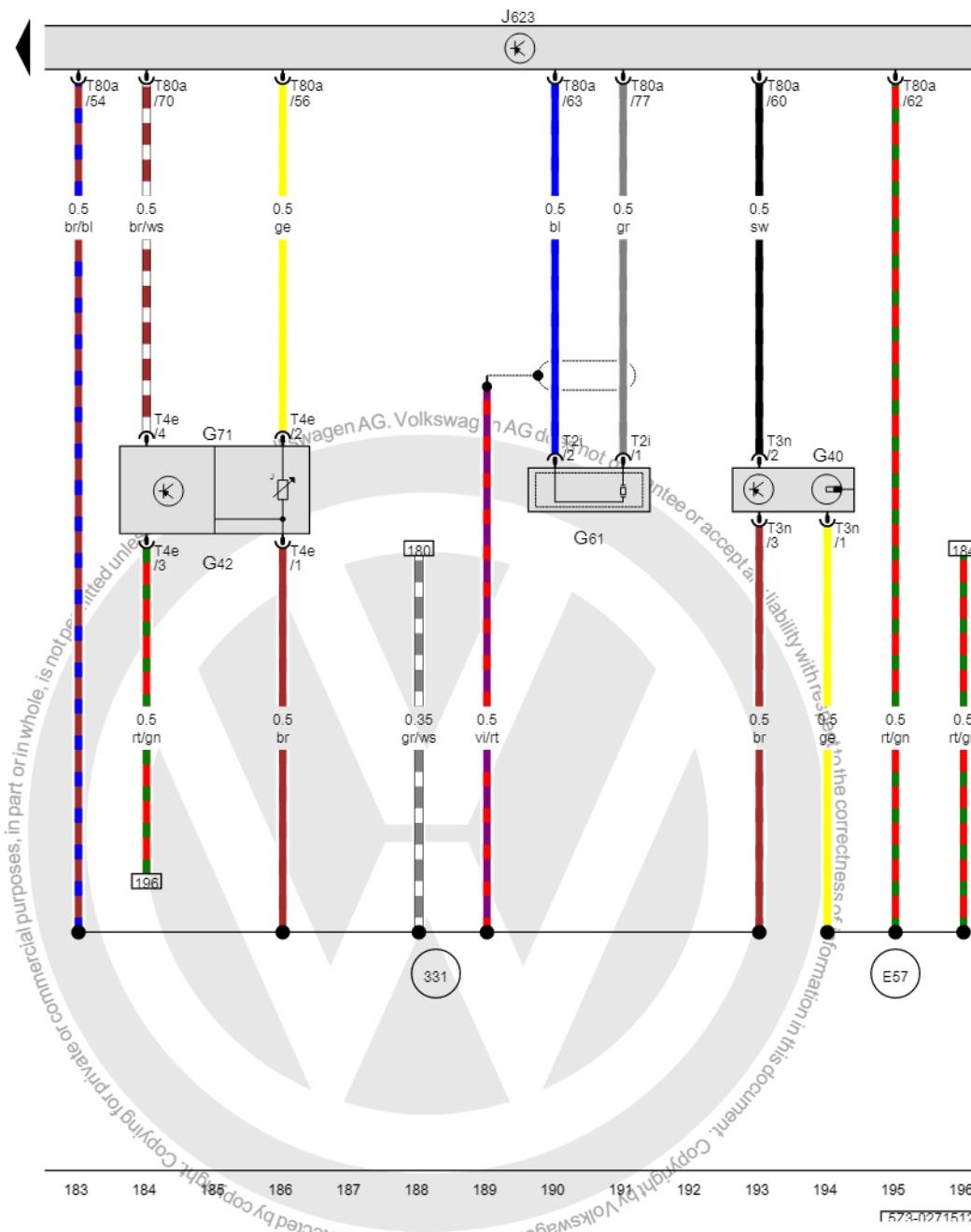


169 170 171 172 173 174 175 176 177 178 179 180 181 182

F573-0271412121

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

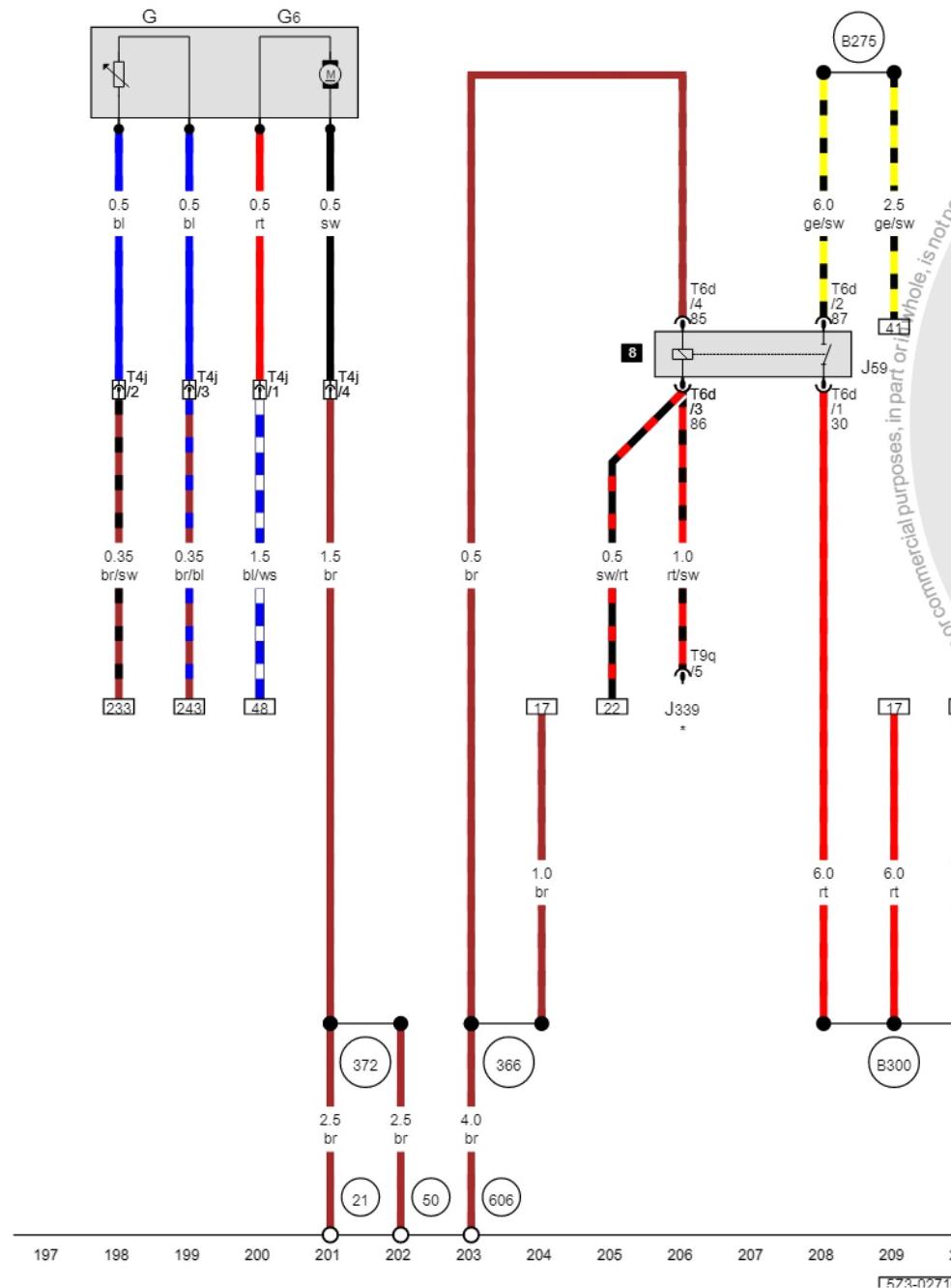
Hall sender, Intake air temperature sender, Knock sensor 1,
Intake manifold pressure sender, Engine control unit



- G40 Hall sender
 G42 Intake air temperature sender
 G61 Knock sensor 1
 G71 Intake manifold pressure sender
 J623 Engine control unit
 T2i 2-pin connector
 T3n 3-pin connector
 T4e 4-pin connector
 T80a 80-pin connector

- (331) Earth connection, in injection system wiring harness
 (E57) Connection 2, in injection system wiring harness

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



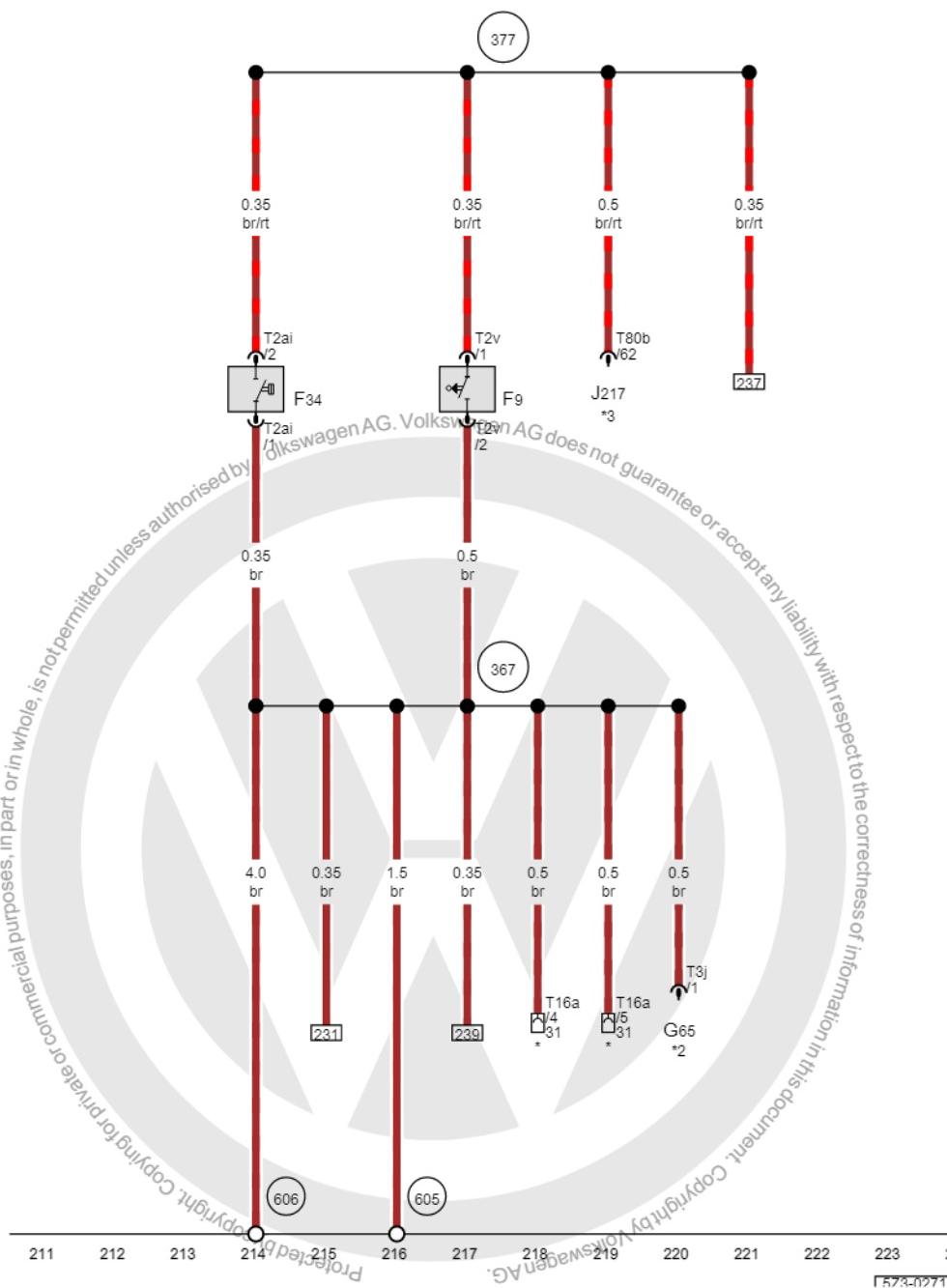
Fuel gauge sender, Fuel system pressurisation pump, X-contact relief relay

- | | |
|------|---|
| G | Fuel gauge sender |
| G6 | Fuel system pressurisation pump |
| J59 | X-contact relief relay |
| J339 | X contact relief relay 2 |
| T4j | 4-pin connector |
| T6d | 6-pin connector |
| T9q | 9-pin connector |
| 21 | Earth point, near fuel pump |
| 50 | Earth point, on left in luggage compartment |
| 366 | Earth connection 1, in main wiring harness |
| 372 | Earth connection 7, in main wiring harness |
| 606 | Earth point, under the centre console near gear stick |
| B275 | Positive connection (87), in main wiring harness |
| B300 | Positive connection 4 (30), in main wiring harness |
- * Only models with automated manual gearbox

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

197 198 199 200 201 202 203 204 205 206 207 208 209 210

Handbrake warning switch, Brake fluid level warning contact



F9 Handbrake warning switch

F34 Brake fluid level warning contact

G65 High-pressure sender

J217 Automatic gearbox control unit

T2ai 2-pin connector

T2v 2-pin connector

T3j 3-pin connector

T16a 16-pin connector

T80b 80-pin connector

367 Earth connection 2, in main wiring harness

377 Earth connection 12, in main wiring harness

605 Earth point, on top end of steering column

606 Earth point, under the centre console near gear stick

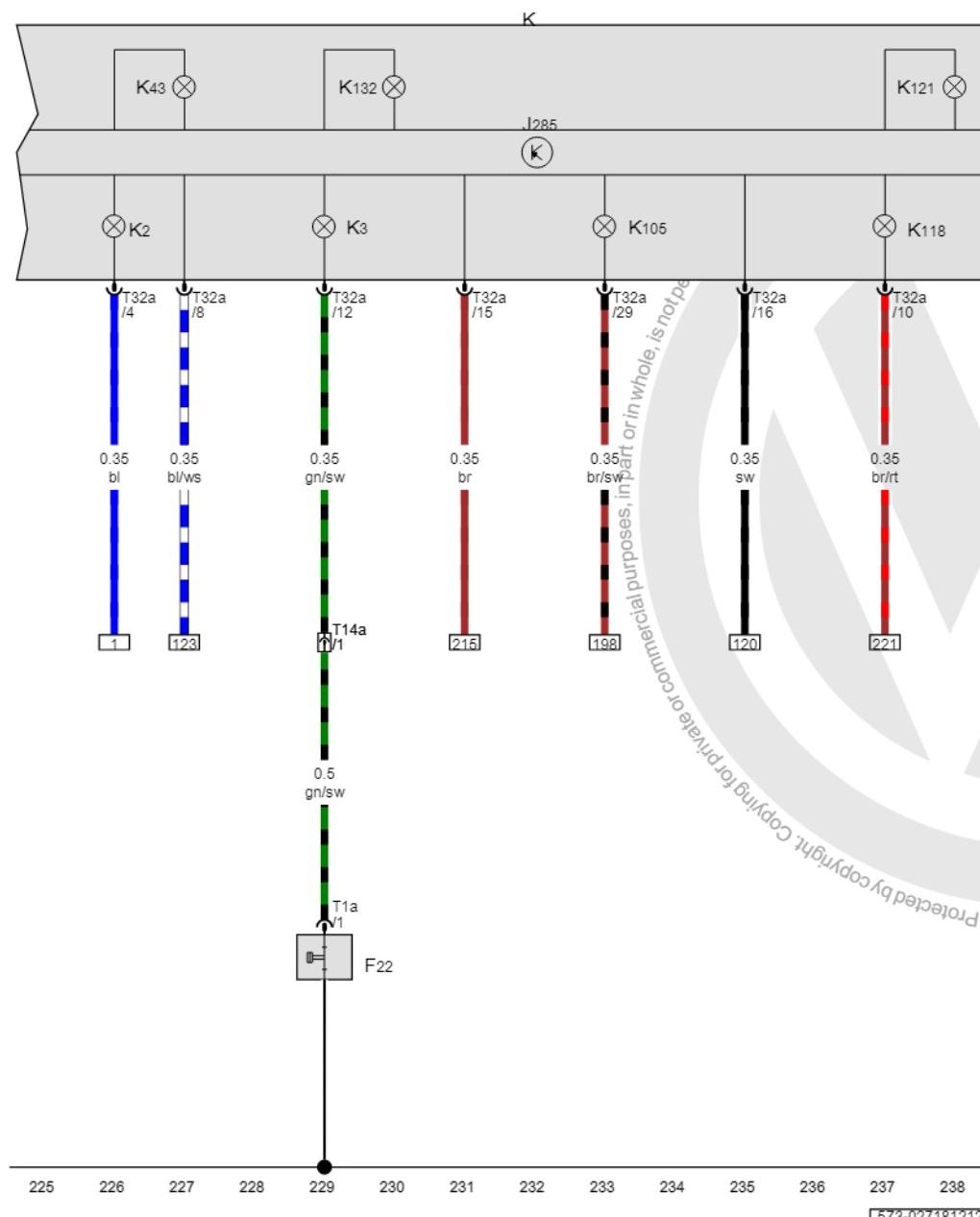
* Diagnostic connection

*2 Only models with air conditioning system

*3 Only models with automated manual gearbox

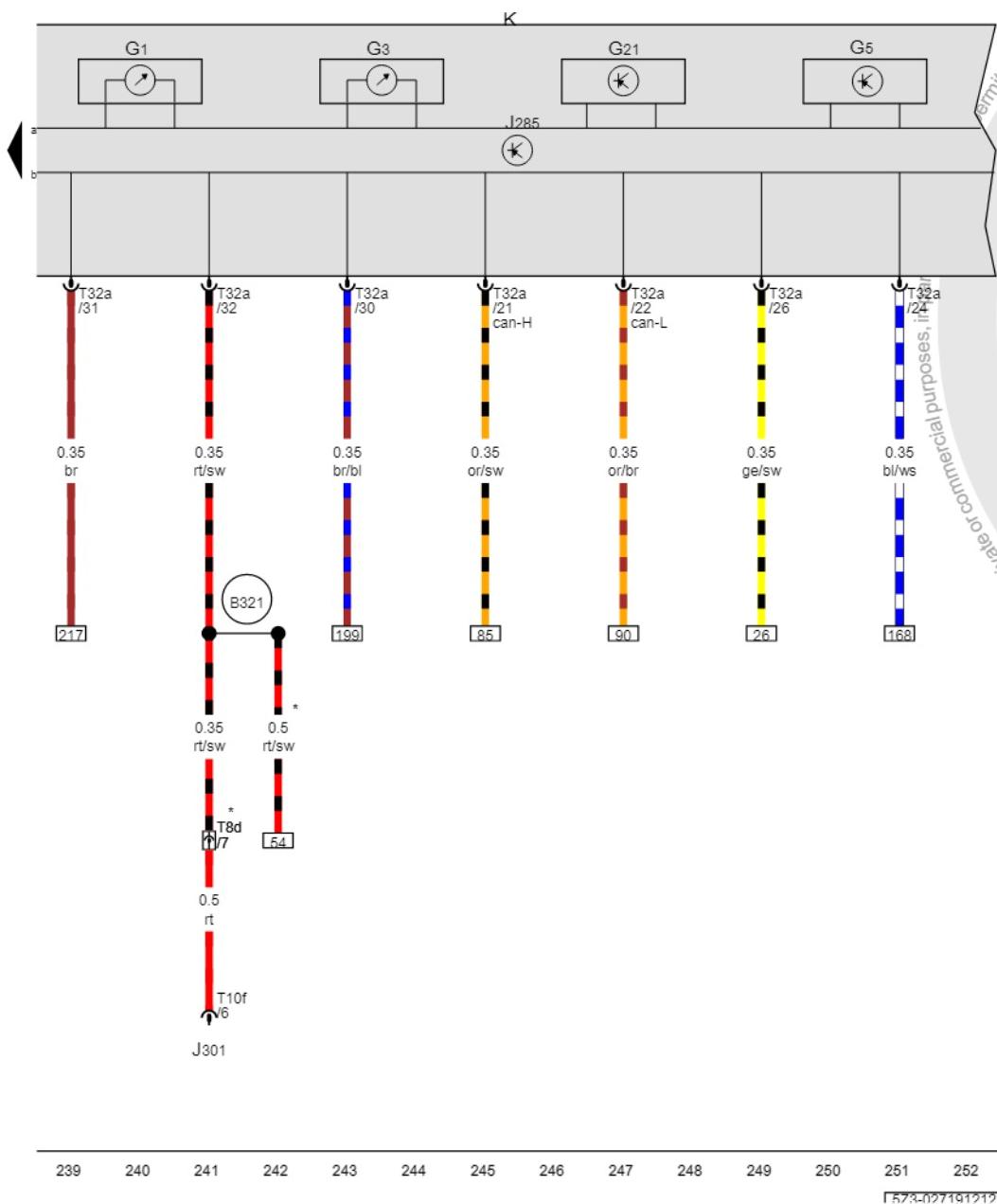
ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

Oil pressure switch, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp, Oil pressure warning lamp, Reserve fuel warning lamp, Brake system warning lamp, Malfunction warning lamp



- F22 Oil pressure switch
 J285 Control unit in dash panel insert
 K Dash panel insert
 K2 Alternator warning lamp
 K3 Oil pressure warning lamp
 K43 Coolant temperature warning lamp (too cold)
 K105 Reserve fuel warning lamp
 K118 Brake system warning lamp
 K121 Malfunction warning lamp
 K132 Electronic power control fault lamp
 T1a Single connector
 T14a 14-pin connector, on left in engine compartment
 T32a 32-pin connector

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Fuel gauge, Coolant temperature gauge, Rev. counter,
Speedometer, Control unit in dash panel insert, Dash panel
insert

G1 Fuel gauge

G3 Coolant temperature gauge

G5 Rev. counter

G21 Speedometer

J285 Control unit in dash panel insert

J301 Air conditioning system control unit

K Dash panel insert

T8d 8-pin connector, behind dash panel, centre

T10f 10-pin connector

T32a 32-pin connector

(B321) Positive connection 7 (30a) in main wiring harness

* Only models with air conditioning system

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

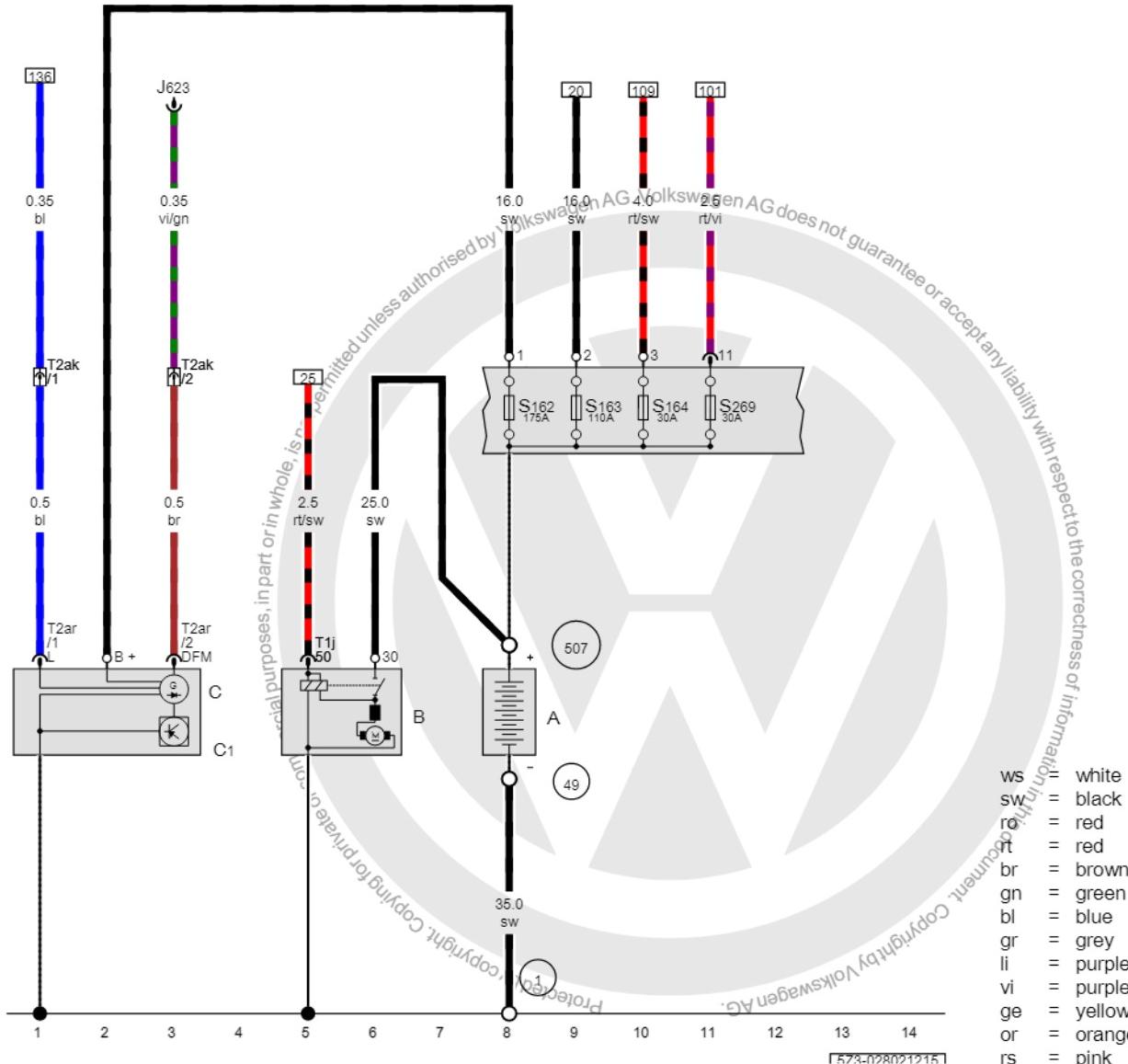
Air conditioning system

From April 2012

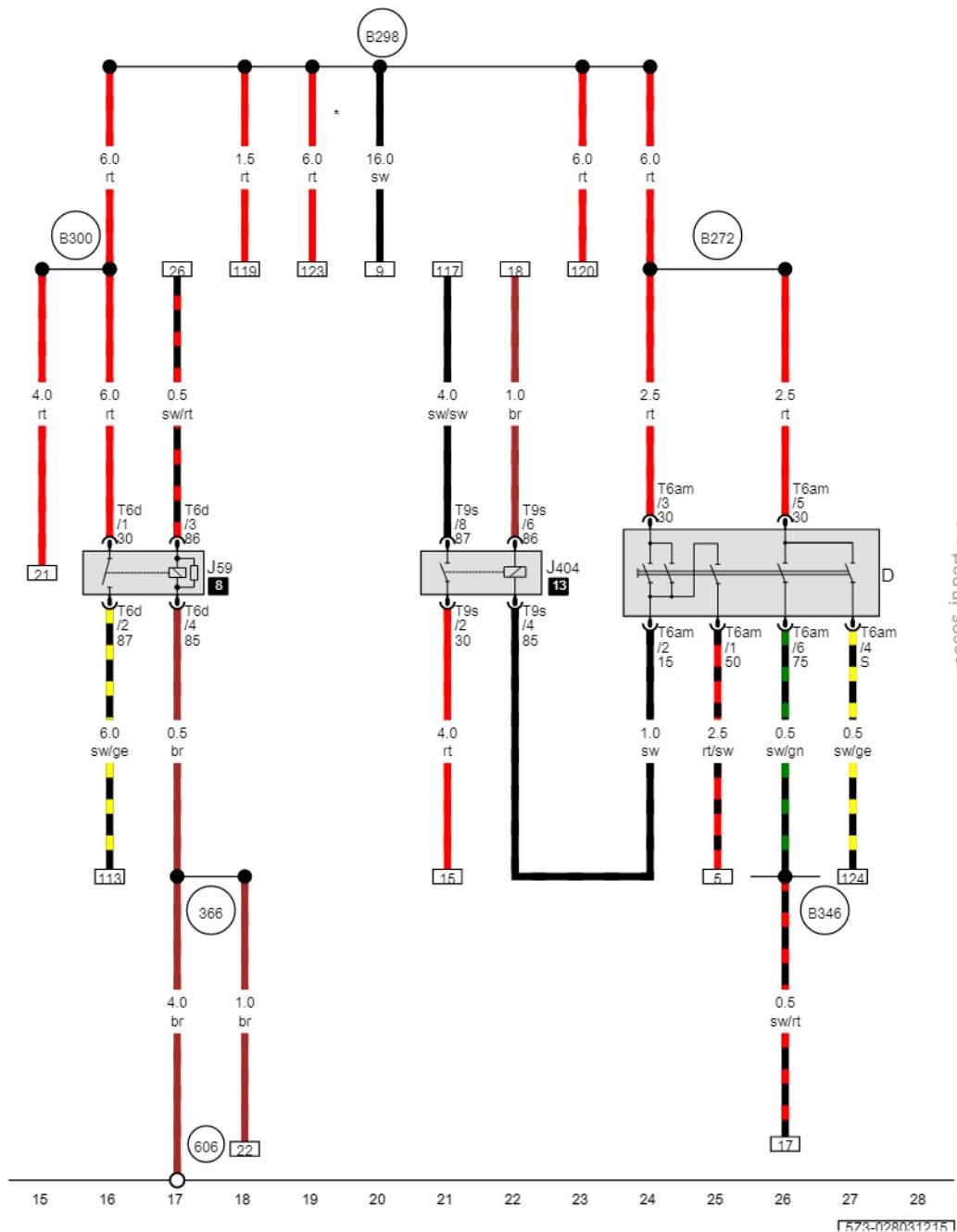


Battery, Starter, Alternator, Voltage regulator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J623	Engine control unit
S162	Fuse 1 (30), in battery fuse holder
S163	Fuse 2 (30), in battery fuse holder
S164	Fuse 3 (30), in battery fuse holder
S269	Fuse 11 (30), in battery fuse holder
T1j	Single connector
T2ak	2-pin connector, in engine compartment
T2ar	2-pin connector
1	Earth strap, battery - body
49	Earth point, near ..., near battery
507	Threaded connection (30), on battery fuse holder



ws = white
sw = black
rd = red
rd' = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay

D Ignition/starter switch

J59 X-contact relief relay

J404 Terminal 15 relief relay

T6am 6-pin connector

T6d 6-pin connector

T9s 9-pin connector

366 Earth connection 1, in main wiring harness

606 Earth point, under the centre console near gear stick

B272 Positive connection (30), in main wiring harness

B298 Positive connection 2 (30), in main wiring harness

B300 Positive connection 4 (30), in main wiring harness

B346 Connection 1 (75), in main wiring harness

* For models with convenience system

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

F573-028031215

Air conditioning system control unit, Fresh air and air recirculation flap control motor

J301 Air conditioning system control unit

J623 Engine control unit

T4v 4-pin connector

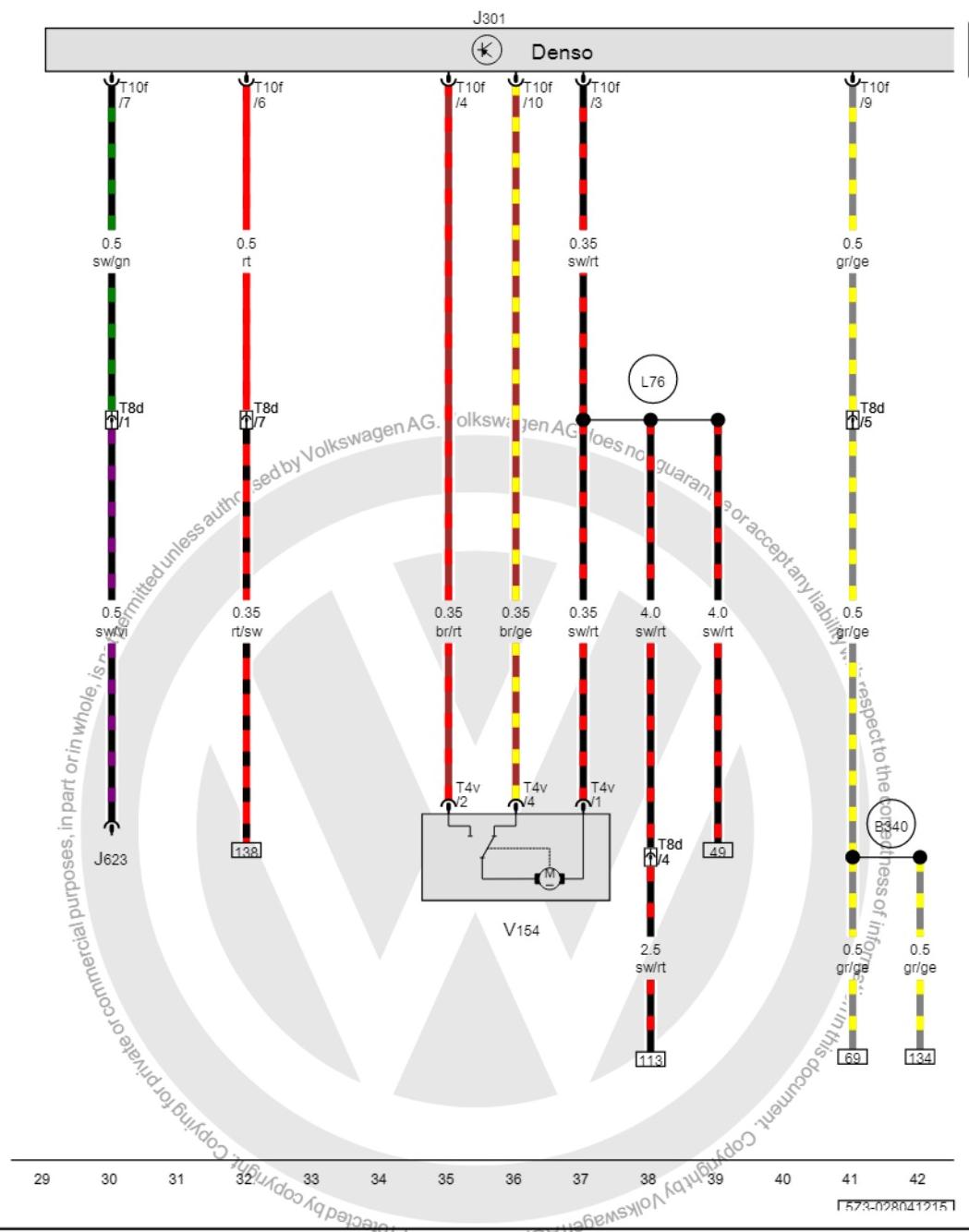
T8d 8-pin connector, behind dash panel, centre

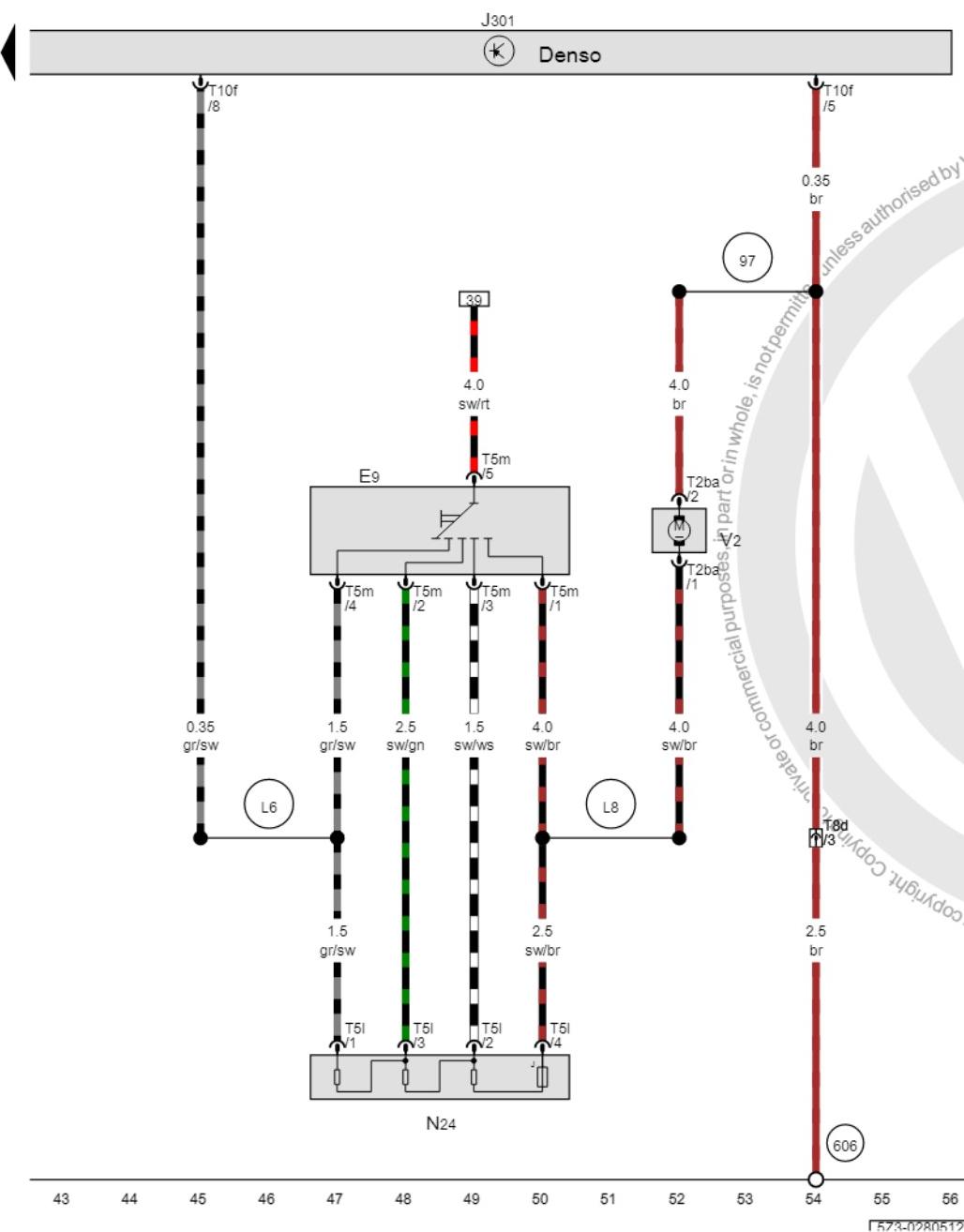
T10f 10-pin connector

V154 Fresh air and air recirculation flap control motor

(B340) Connection 1 (58d), in main wiring harness

(L76) Connection (87), in air conditioning system wiring harness





Fresh air blower switch, Air conditioning system control unit, Fresh air blower series resistor with overheating fuse, Fresh air blower

- | | |
|------|---|
| E9 | Fresh air blower switch |
| J301 | Air conditioning system control unit |
| N24 | Fresh air blower series resistor with overheating fuse |
| T2ba | 2-pin connector |
| T5i | 5-pin connector |
| T5m | 5-pin connector |
| T8d | 8-pin connector, behind dash panel, centre |
| T10f | 10-pin connector |
| V2 | Fresh air blower |
| 97 | Earth connection 1, in air conditioning system wiring harness |
| 606 | Earth point, under the centre console near gear stick |
| L6 | Connection 2, in evaporator housing unit wiring harness |
| L8 | Connection 4, in evaporator housing unit wiring harness |

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

Air conditioning system control unit, Fresh air and air recirculation flap control motor

J301 Air conditioning system control unit

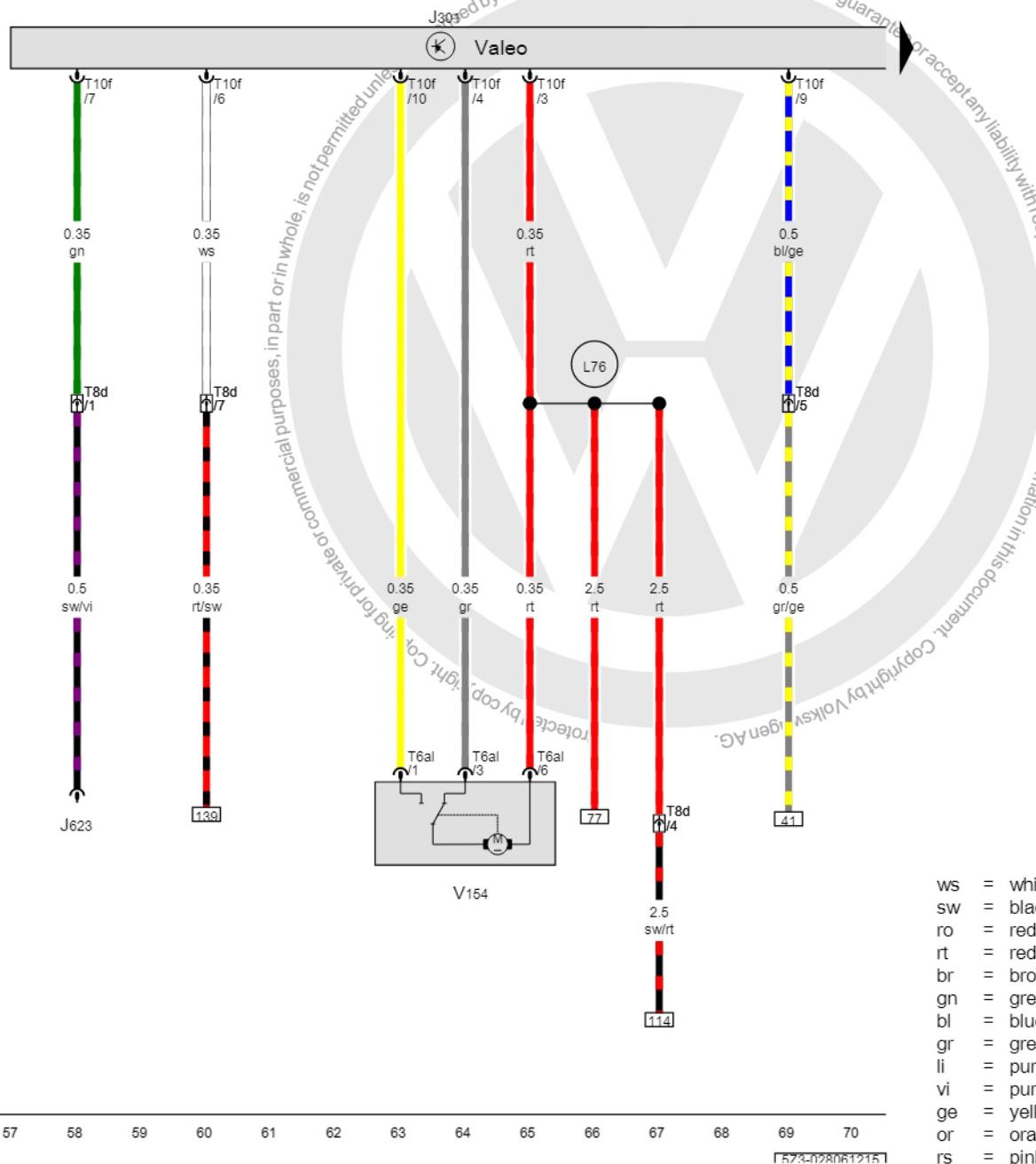
J623 Engine control unit

T6al 6-pin connector

T8d 8-pin connector, behind dash panel, centre

T10f 10-pin connector

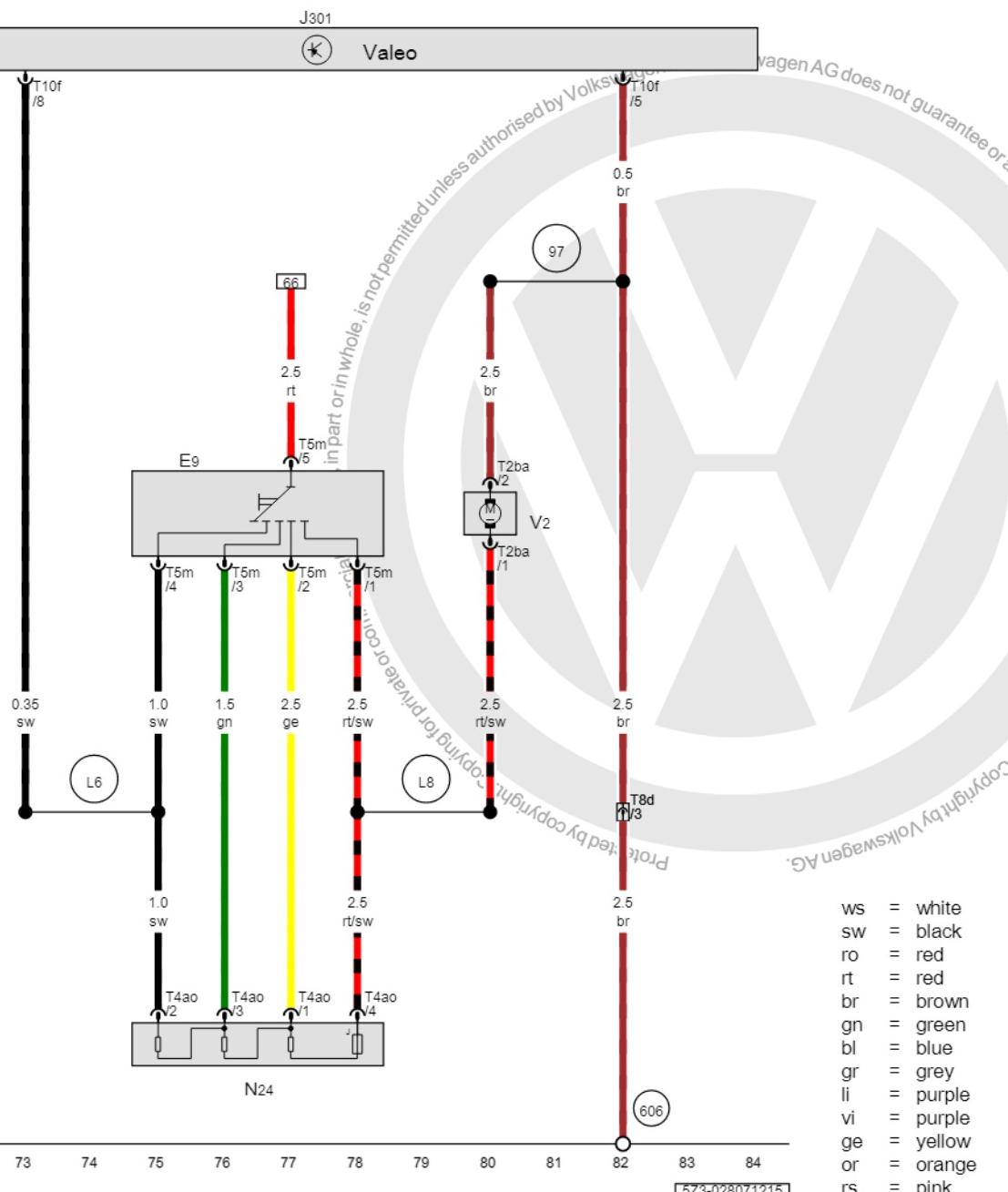
L76 Connection (87), in air conditioning system wiring harness



ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

Fresh air blower switch, Air conditioning system control unit, Fresh air blower series resistor with overheating fuse, Fresh air blower

- E9 Fresh air blower switch
- J301 Air conditioning system control unit
- N24 Fresh air blower series resistor with overheating fuse
- T2ba 2-pin connector
- T4ao 4-pin connector
- T5m 5-pin connector
- T8d 8-pin connector, behind dash panel, centre
- T10f 10-pin connector
- V2 Fresh air blower
- 97 Earth connection 1, in air conditioning system wiring harness
- 606 Earth point, under the centre console near gear stick
- L6 Connection 2, in evaporator housing unit wiring harness
- L8 Connection 4, in evaporator housing unit wiring harness

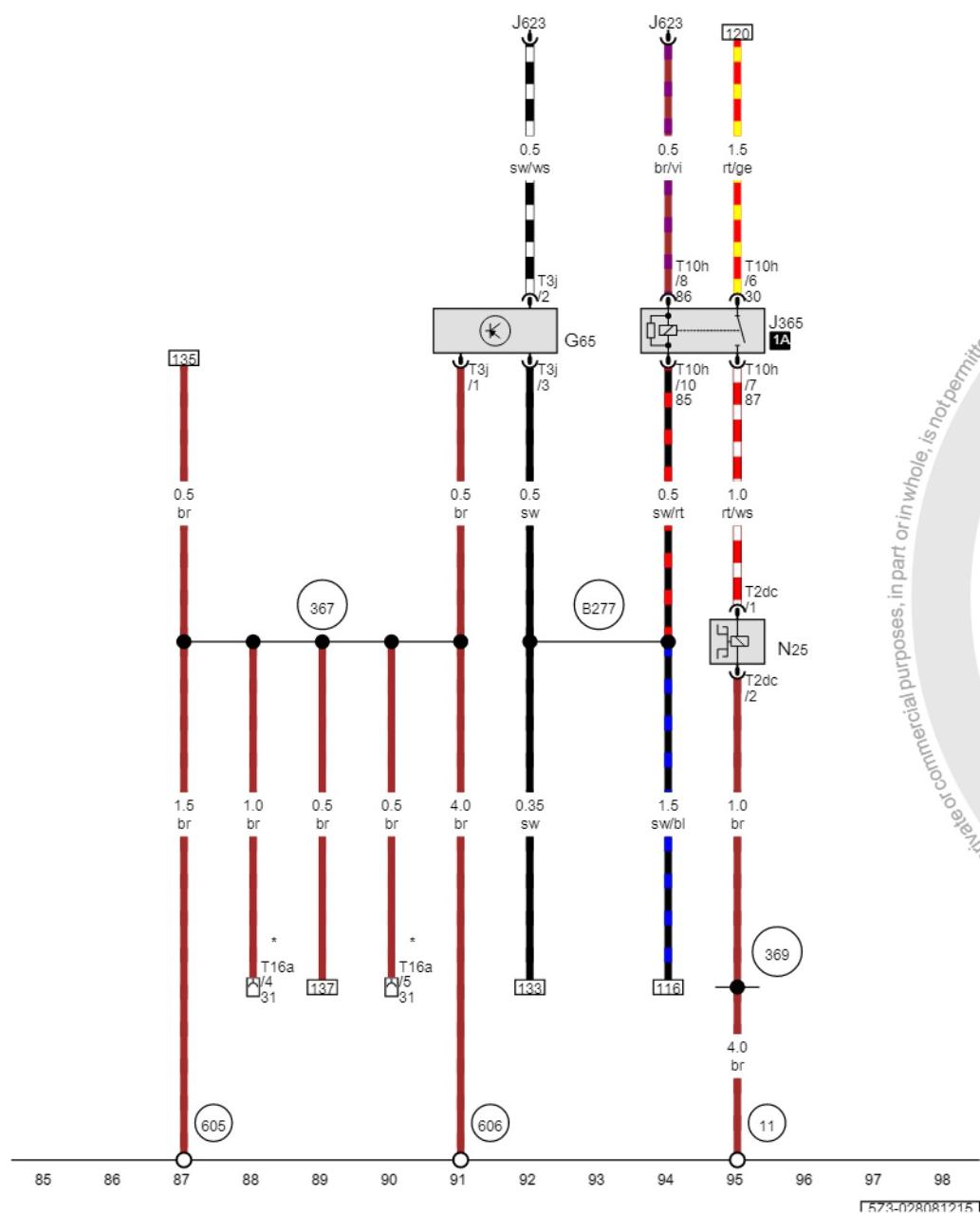


- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

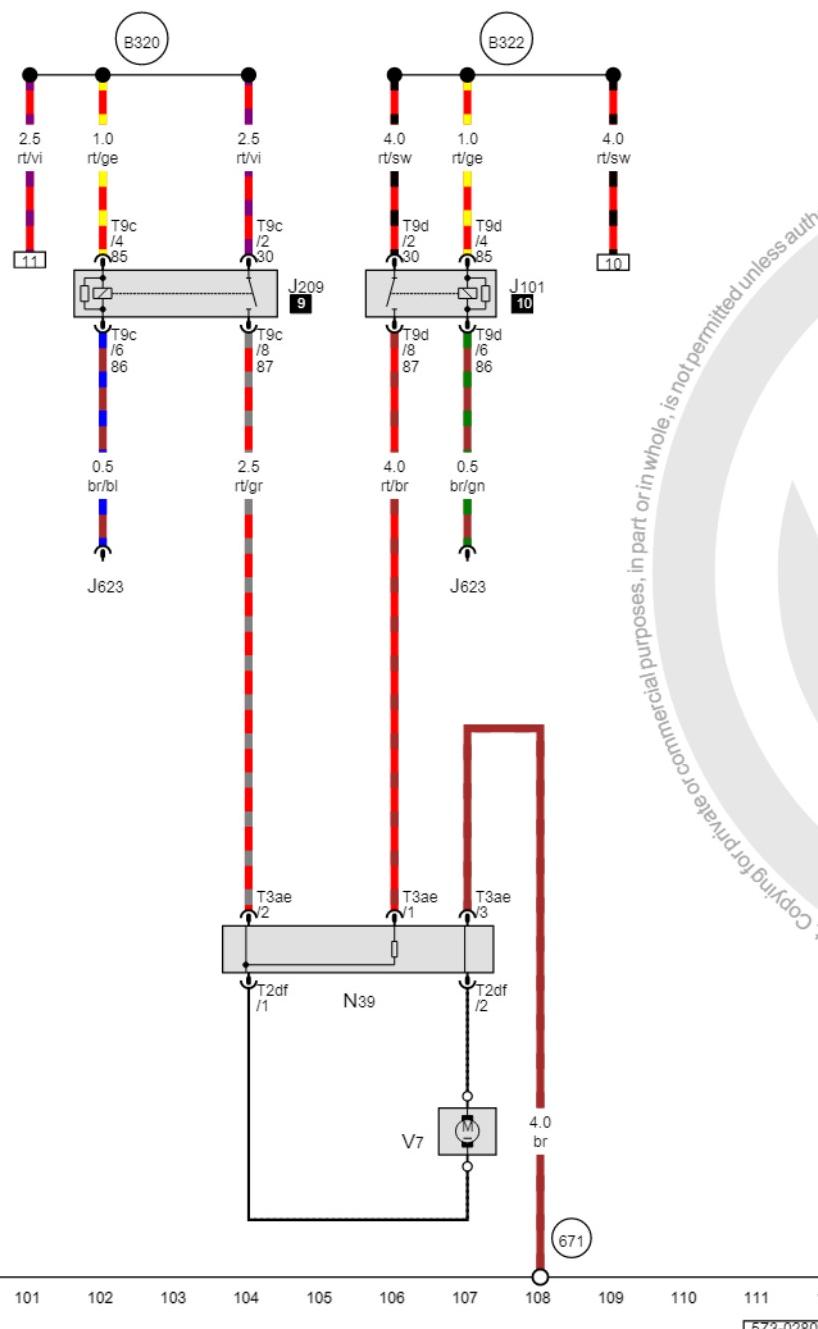
High-pressure sender, Air conditioning system magnetic clutch

- | | |
|------|---|
| G65 | High-pressure sender |
| J365 | Air conditioning system switch-off relay |
| J623 | Engine control unit |
| N25 | Air conditioning system magnetic clutch |
| T2dc | 2-pin connector |
| T3j | 3-pin connector |
| T10h | 10-pin connector |
| T16a | 16-pin connector |
| 11 | Earth point, in battery box |
| 367 | Earth connection 2, in main wiring harness |
| 369 | Earth connection 4, in main wiring harness |
| 605 | Earth point, on top end of steering column |
| 606 | Earth point, under the centre console near gear stick |
| B277 | Positive connection 1 (15a) in main wiring harness |
- * Diagnostic connection

Protected by copyright
Volkswagen AG
Copying or private use
is not permitted unless authorised by Volkswagen AG.



Radiator fan 2nd speed relay, Fresh air blower and radiator fan relay, Radiator fan series resistor, Radiator fan



J101 Radiator fan 2nd speed relay
J209 Fresh air blower and radiator fan relay

J623 Engine control unit

N39 Radiator fan series resistor

T2df 2-pin connector

T3ae 3-pin connector

T9c 9-pin connector

T9d 9-pin connector

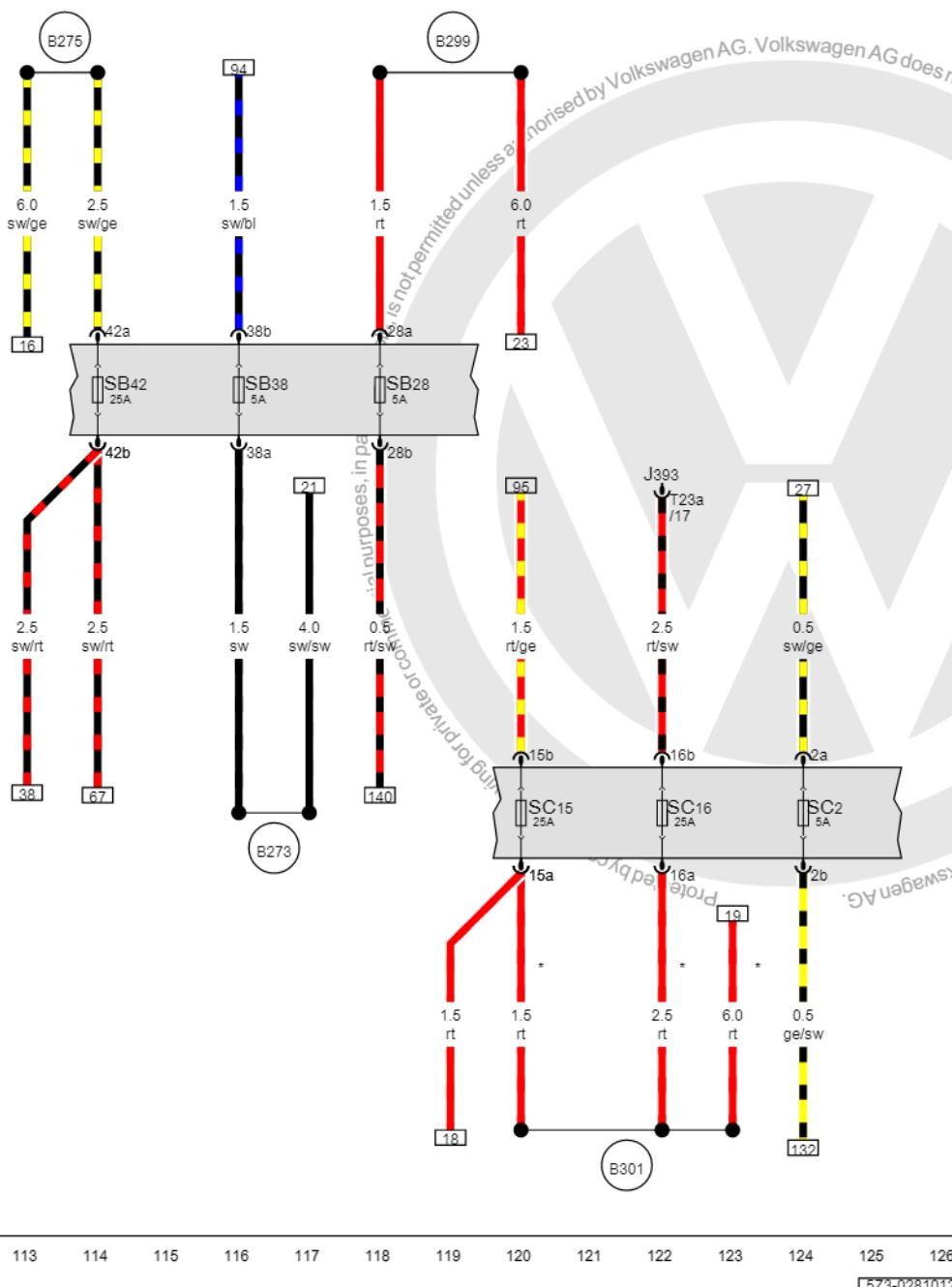
V7 Radiator fan

671 Earth point 1, on front of left longitudinal member

B320 Positive connection 6 (30a) in main wiring harness

B322 Positive connection 8 (30a) in main wiring harness

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink



Fuse 2 on fuse holder C, Fuse 15 on fuse holder C, Fuse 16 on fuse holder C, Fuse 28 on fuse holder B, Fuse 38 on fuse holder B, Fuse 42 on fuse holder B

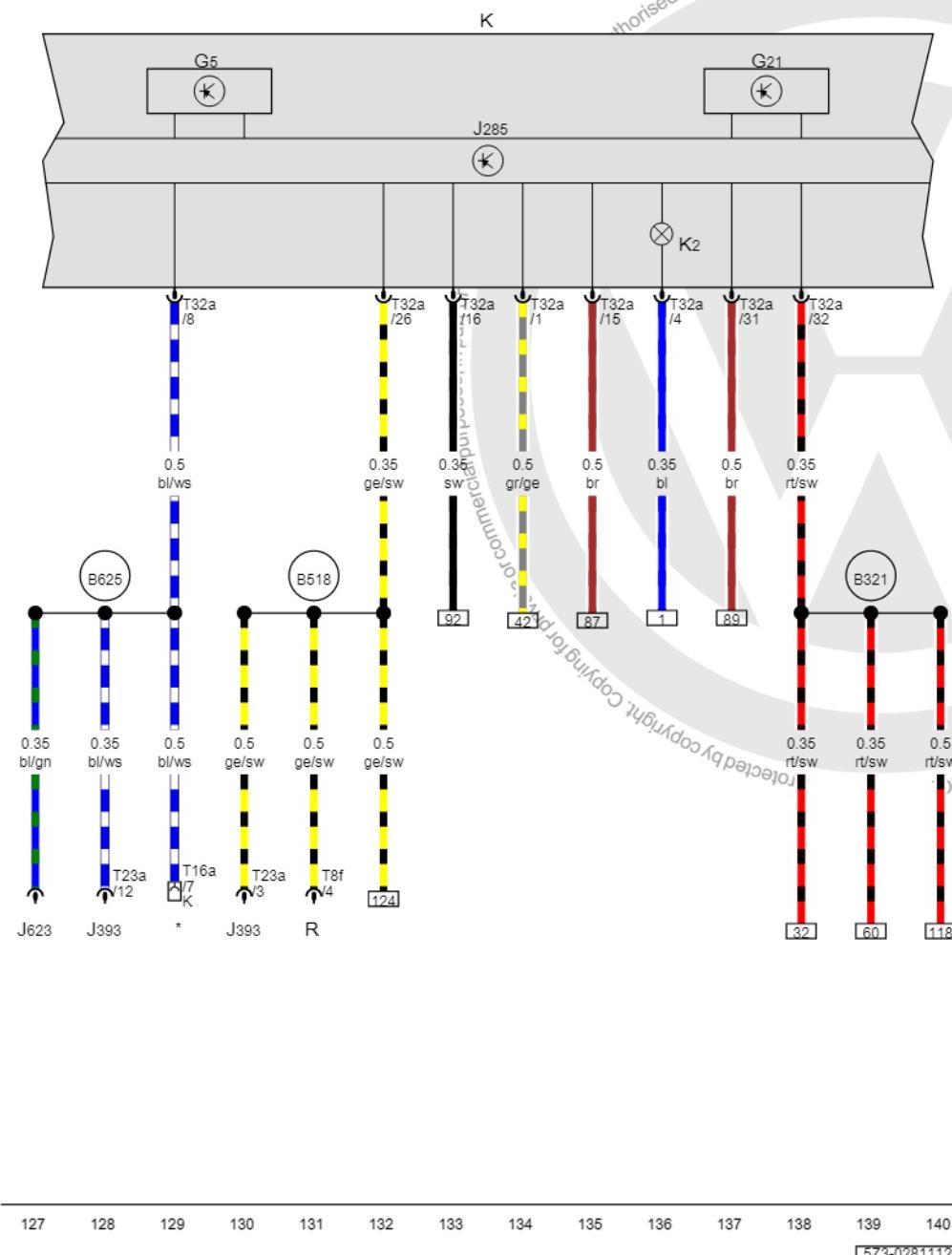
- J393 Convenience system central control unit
- SC2 Fuse 2 on fuse holder C
- SC15 Fuse 15 on fuse holder C
- SC16 Fuse 16 on fuse holder C
- SB28 Fuse 28 on fuse holder B
- SB38 Fuse 38 on fuse holder B
- SB42 Fuse 42 on fuse holder B
- T23a 23-pin connector
- B273 Positive connection (15), in main wiring harness
- B275 Positive connection (87), in main wiring harness
- B299 Positive connection 3 (30), in main wiring harness
- B301 Positive connection 5 (30), in main wiring harness

* For models with convenience system

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

Rev. counter, Speedometer, Control unit in dash panel
insert, Dash panel insert, Alternator warning lamp

G5	Rev. counter
G21	Speedometer
J285	Control unit in dash panel insert
J393	Convenience system central control unit
J623	Engine control unit
K	Dash panel insert
K2	Alternator warning lamp
R	Radio
T8f	8-pin connector
T16a	16-pin connector
T23a	23-pin connector
T32a	32-pin connector
B321	Positive connection 7 (30a) in main wiring harness
B518	Connection (86s), in main wiring harness
B625	Connection (K-diagnosis wire), in main wiring harness
	Diagnostic connection



Airbag systems

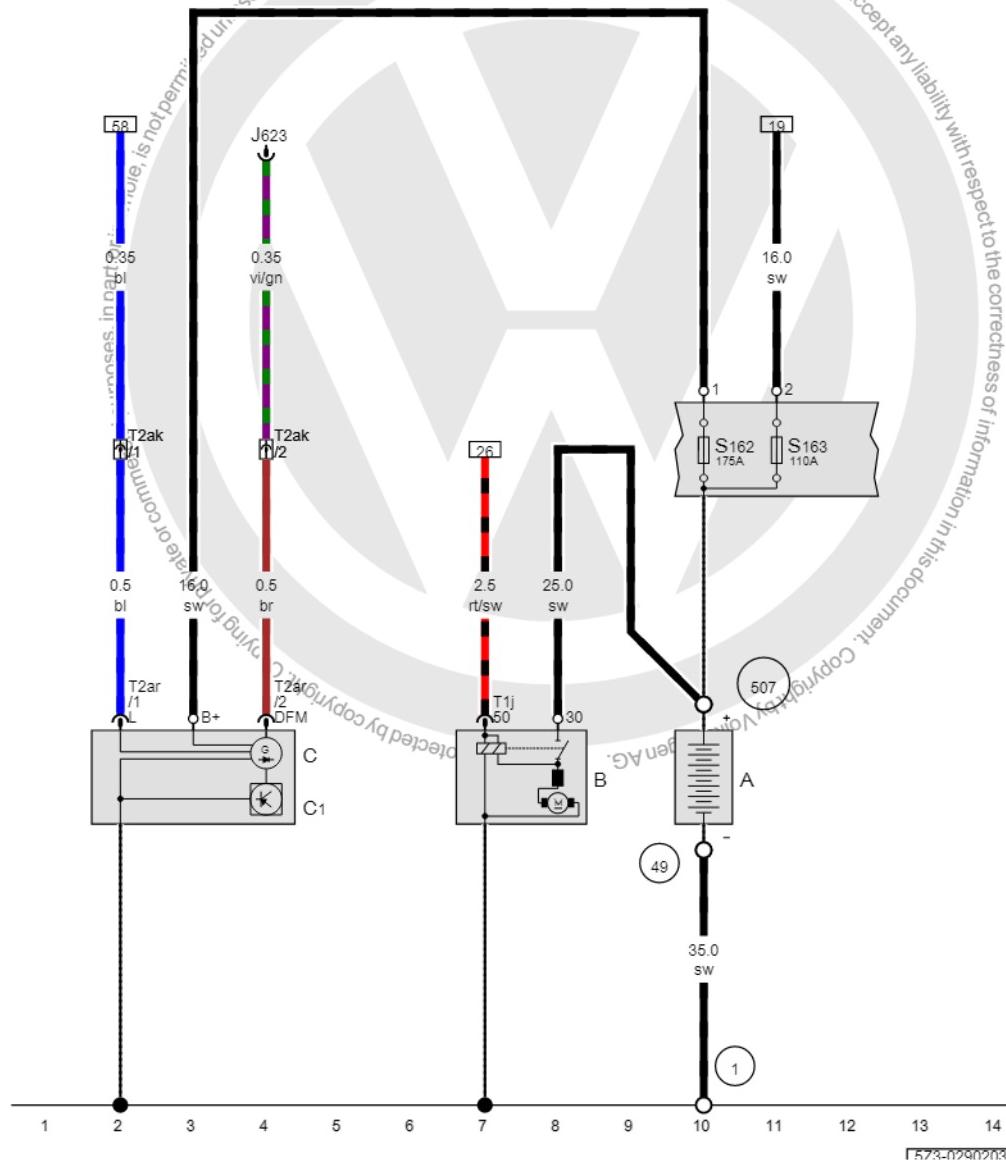
From April 2012



Battery, Starter, Alternator, Voltage regulator

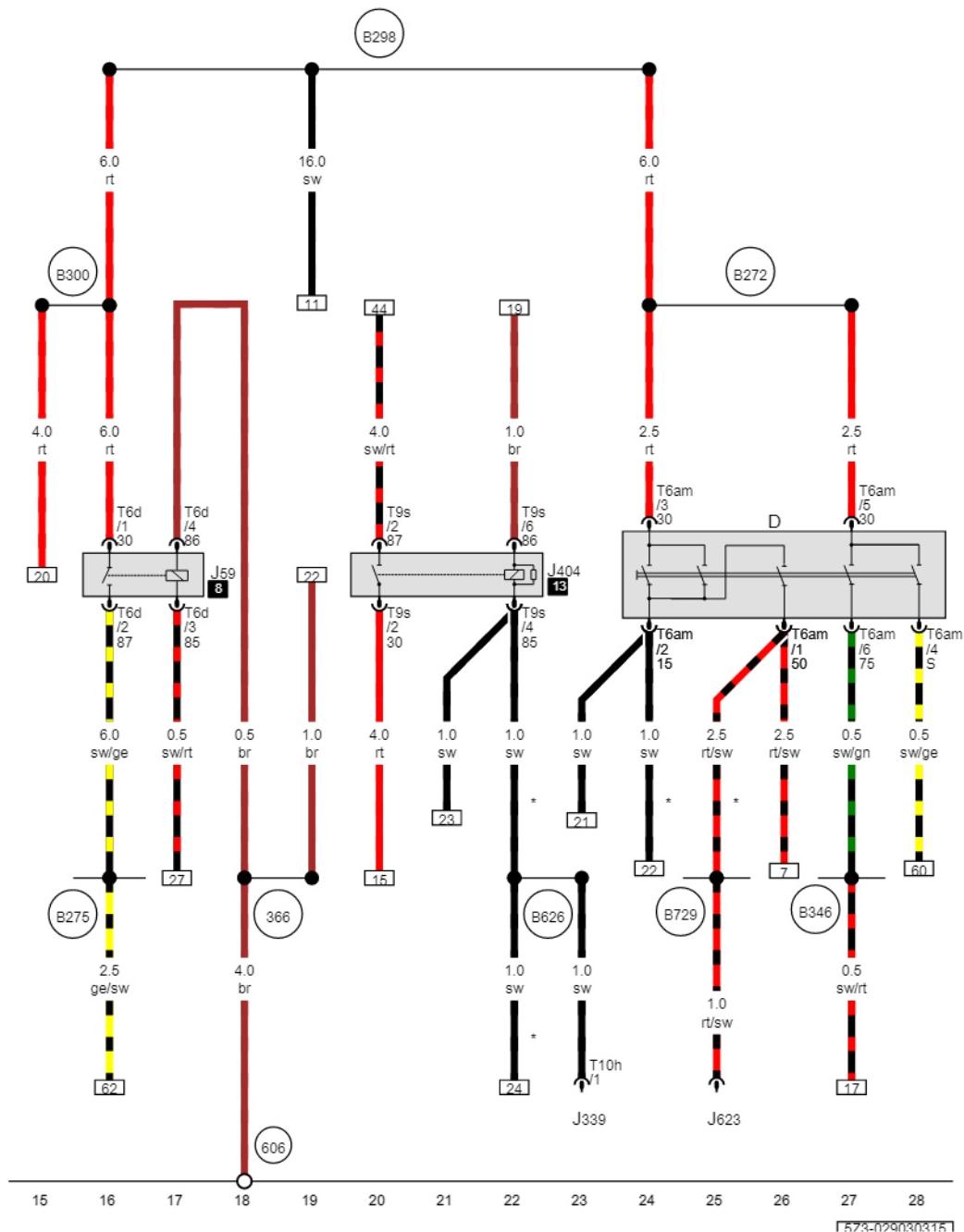
A Battery
 B Starter
 C Alternator
 C1 Voltage regulator
 J623 Engine control unit
 S162 Fuse 1 (30), in battery fuse holder
 S163 Fuse 2 (30), in battery fuse holder
 T1j Single connector
 T2ak 2-pin connector, in engine compartment
 T2ar 2-pin connector

- (1) Earth strap, battery - body
- (49) Earth point, near ..., near battery
- (507) Threaded connection (30), on battery fuse holder



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

F573-029000315



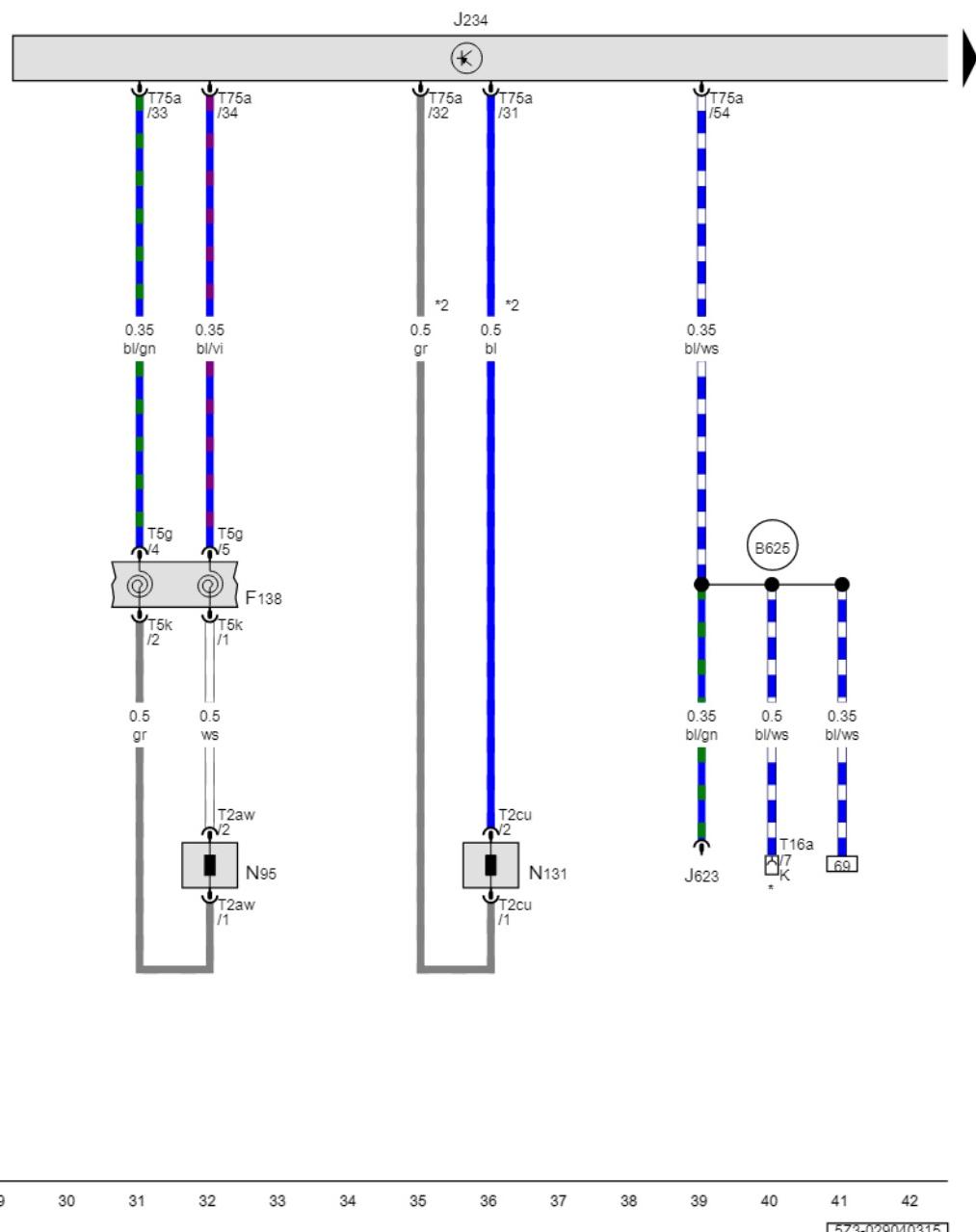
Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay

- D Ignition/starter switch
- J59 X-contact relief relay
- J339 X contact relief relay 2
- J404 Terminal 15 relief relay
- J623 Engine control unit
- T6am 6-pin connector
- T6d 6-pin connector
- T9s 9-pin connector
- T10h 10-pin connector
- 366 Earth connection 1, in main wiring harness
- 606 Earth point, under the centre console near gear stick
- B272 Positive connection (30), in main wiring harness
- B275 Positive connection (87), in main wiring harness
- B298 Positive connection 2 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B346 Connection 1 (75), in main wiring harness
- B626 Positive connection 2 (15), in main wiring harness
- B729 Connection 1 (50), in main wiring harness

* Only models with automated manual gearbox

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

Airbag coil connector and return ring with slip ring, Airbag control unit, Driver side airbag igniter, Front passenger side airbag igniter 1



F138 Airbag coil connector and return ring with slip ring

J234 Airbag control unit

J623 Engine control unit

N95 Driver side airbag igniter

N131 Front passenger side airbag igniter 1

T2aw 2-pin connector

T2cu 2-pin connector

T5g 5-pin connector

T5k 5-pin connector

T16a 16-pin connector

T75a 75-pin connector

(B625) Connection (K-diagnosis wire), in main wiring harness

* Diagnostic connection

*2 Only models with front passenger airbag

Protected by Copyright Volkswagen AG. Copying or distribution of this document, in part or in whole, is not permitted unless authorised by Volkswagen AG.

Belt tensioner switch 1, Belt tensioner switch 2, Airbag control unit

F158 Belt tensioner switch 1

F159 Belt tensioner switch 2

J234 Airbag control unit

J393 Convenience system central control unit

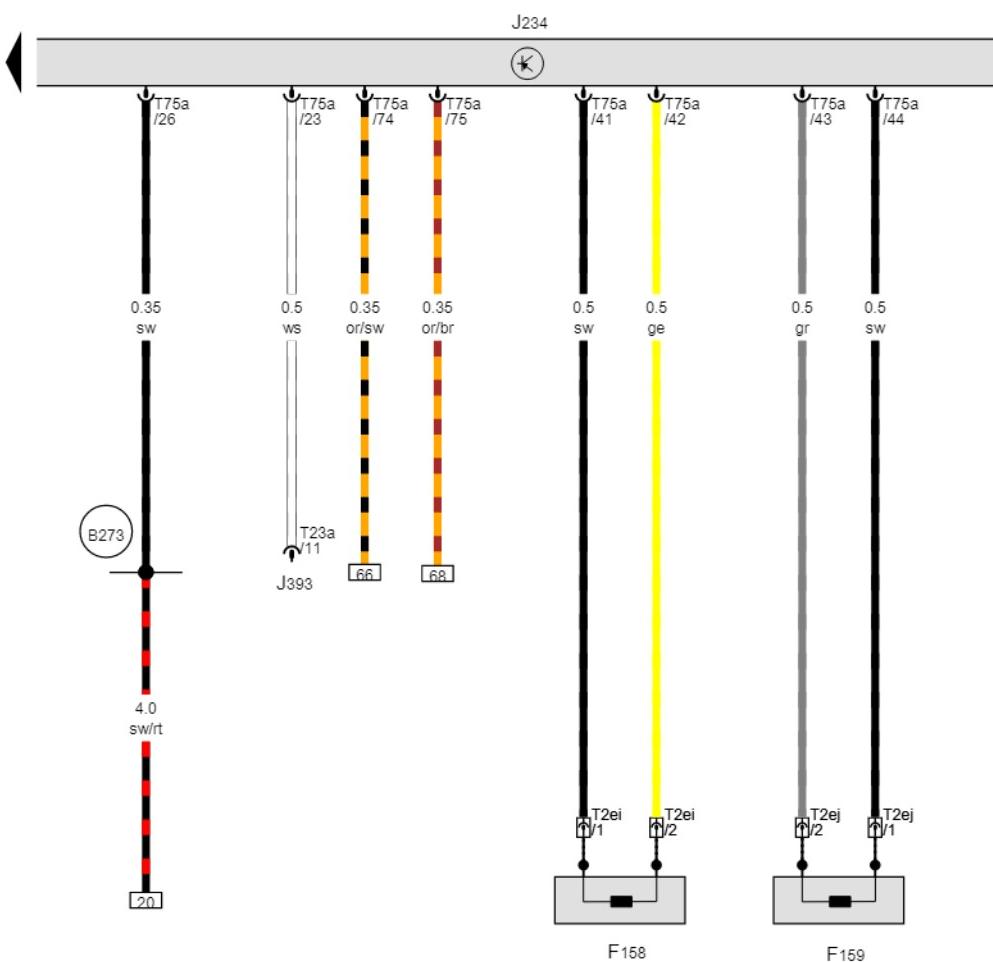
T2ei 2-pin connector

T2ej 2-pin connector

T23a 23-pin connector

T75a 75-pin connector

(B273) Positive connection (15), in main wiring harness

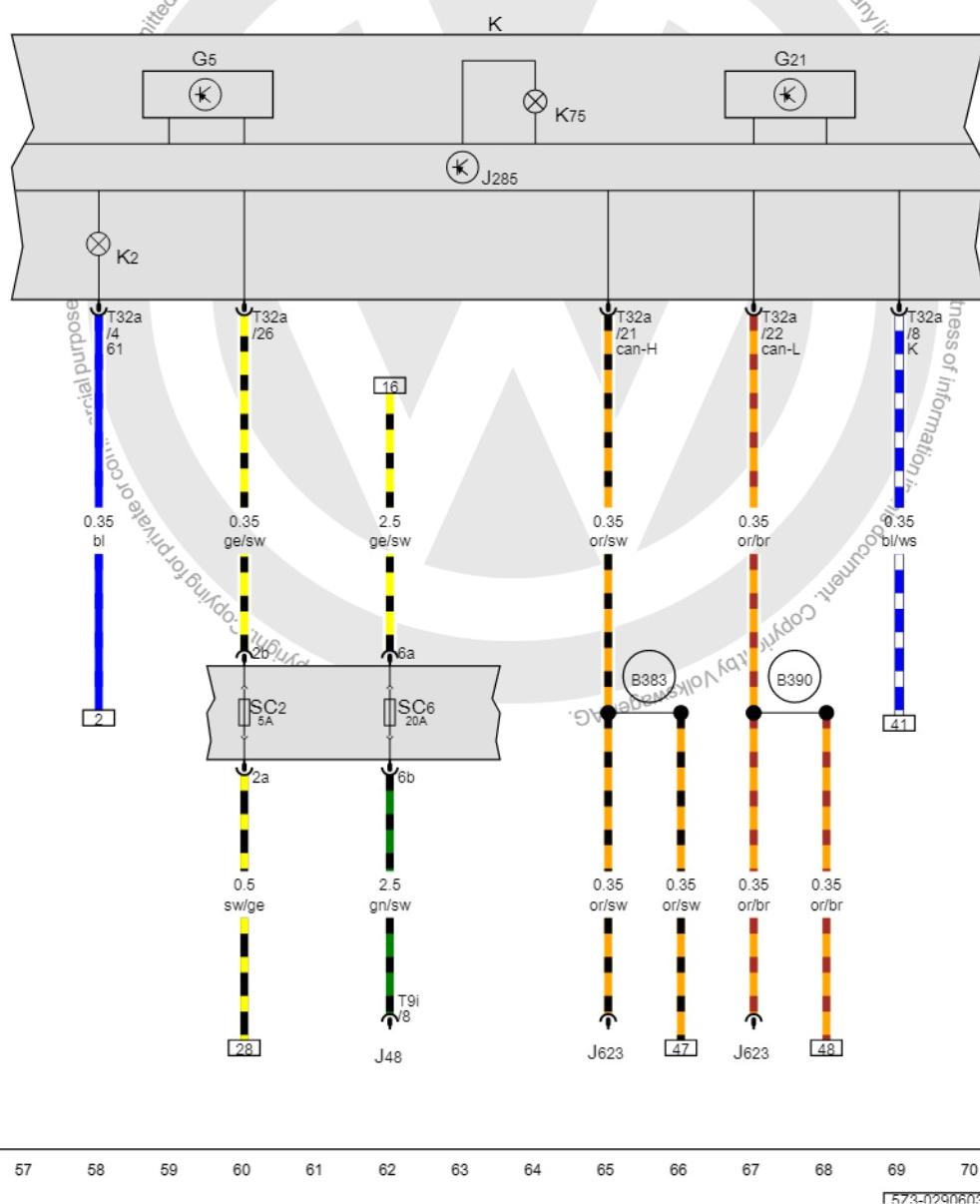


43 44 45 46 47 48 49 50 51 52 53 54 55 56

1573-0290503151

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Re. counter, Speedometer, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp, Airbag warning lamp



- | | |
|------|---|
| G5 | Rev. counter |
| G21 | Speedometer |
| J48 | Heated rear window control relay |
| J285 | Control unit in dash panel insert |
| J623 | Engine control unit |
| K | Dash panel insert |
| K2 | Alternator warning lamp |
| K75 | Airbag warning lamp |
| SC2 | Fuse 2 on fuse holder C |
| SC6 | Fuse 6 on fuse holder C |
| T9i | 9-pin connector |
| T32a | 32-pin connector |
| B383 | Connection 1 (powertrain CAN bus, high), in main wiring harness |
| B390 | Connection 1 (powertrain CAN bus, low), in main wiring harness |

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Interactive system

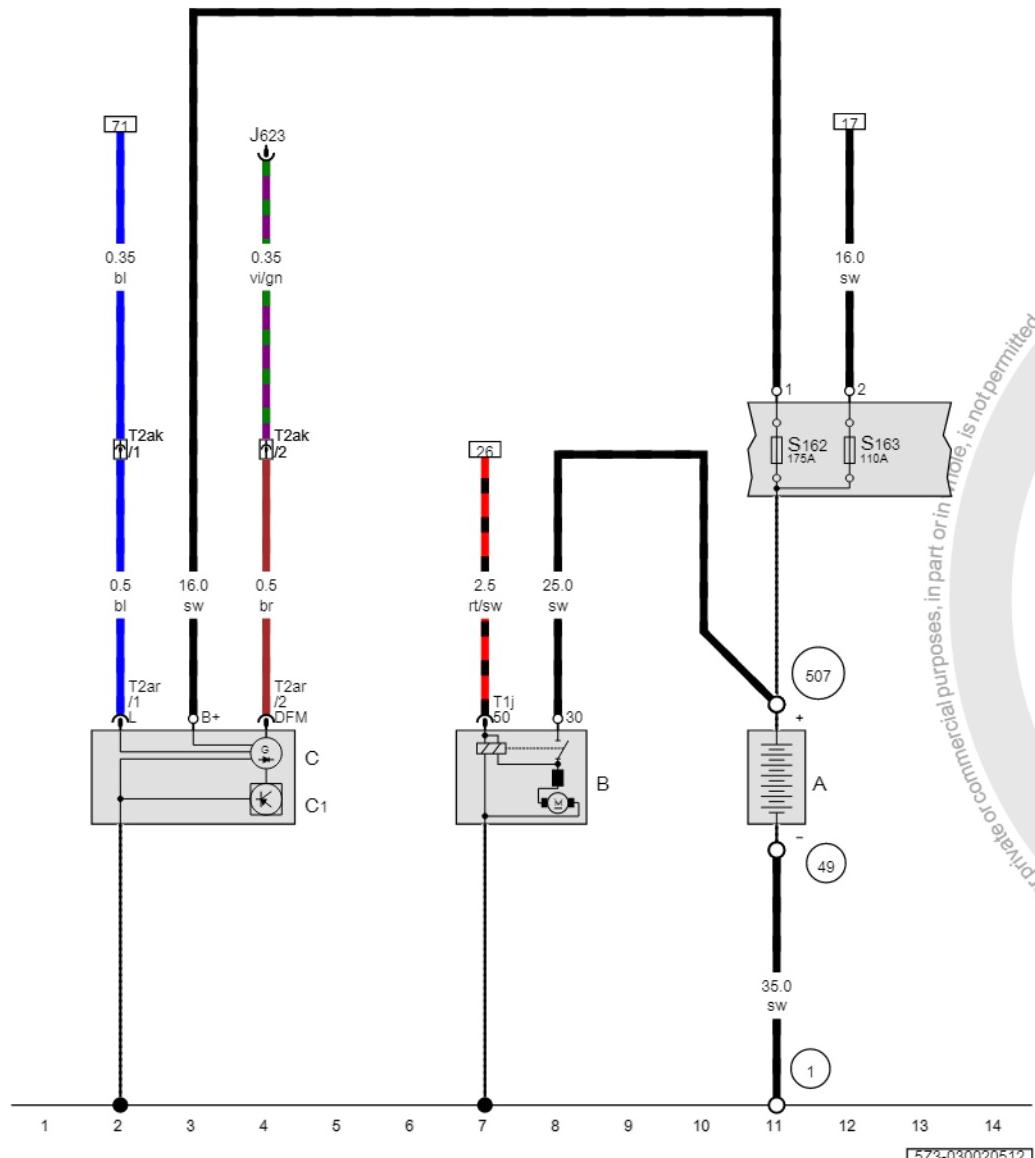
From April 2012



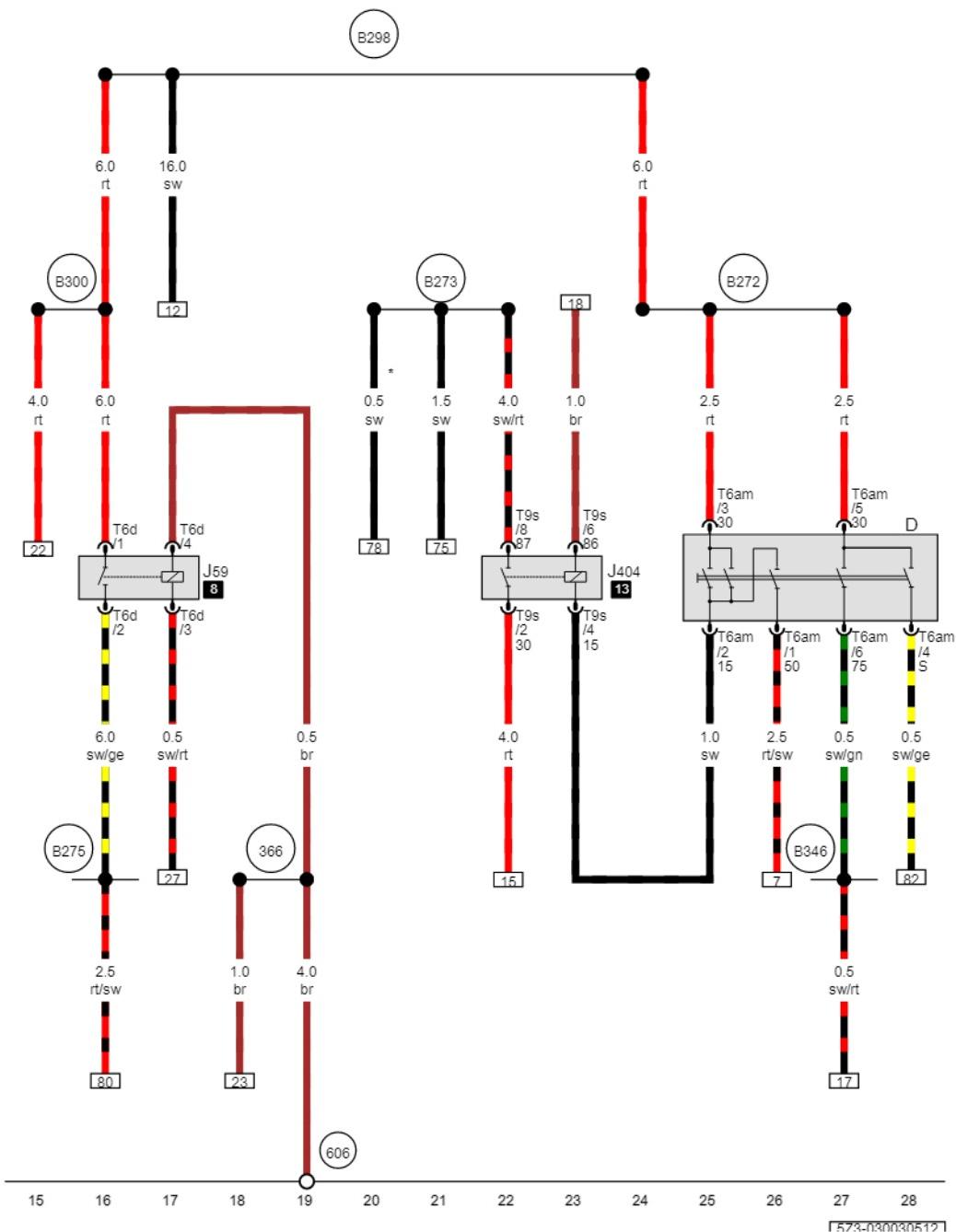
Battery, Starter, Alternator, Voltage regulator

A Battery
 B Starter
 C Alternator
 C1 Voltage regulator
 J623 Engine control unit
 S162 Fuse 1 (30), in battery fuse holder
 S163 Fuse 2 (30), in battery fuse holder
 T1j Single connector
 T2ak 2-pin connector
 T2ar 2-pin connector

- (1) Earth strap, battery - body
- (49) Earth point, near ...near battery
- (507) Threaded connection (30), on battery fuse holder



ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink



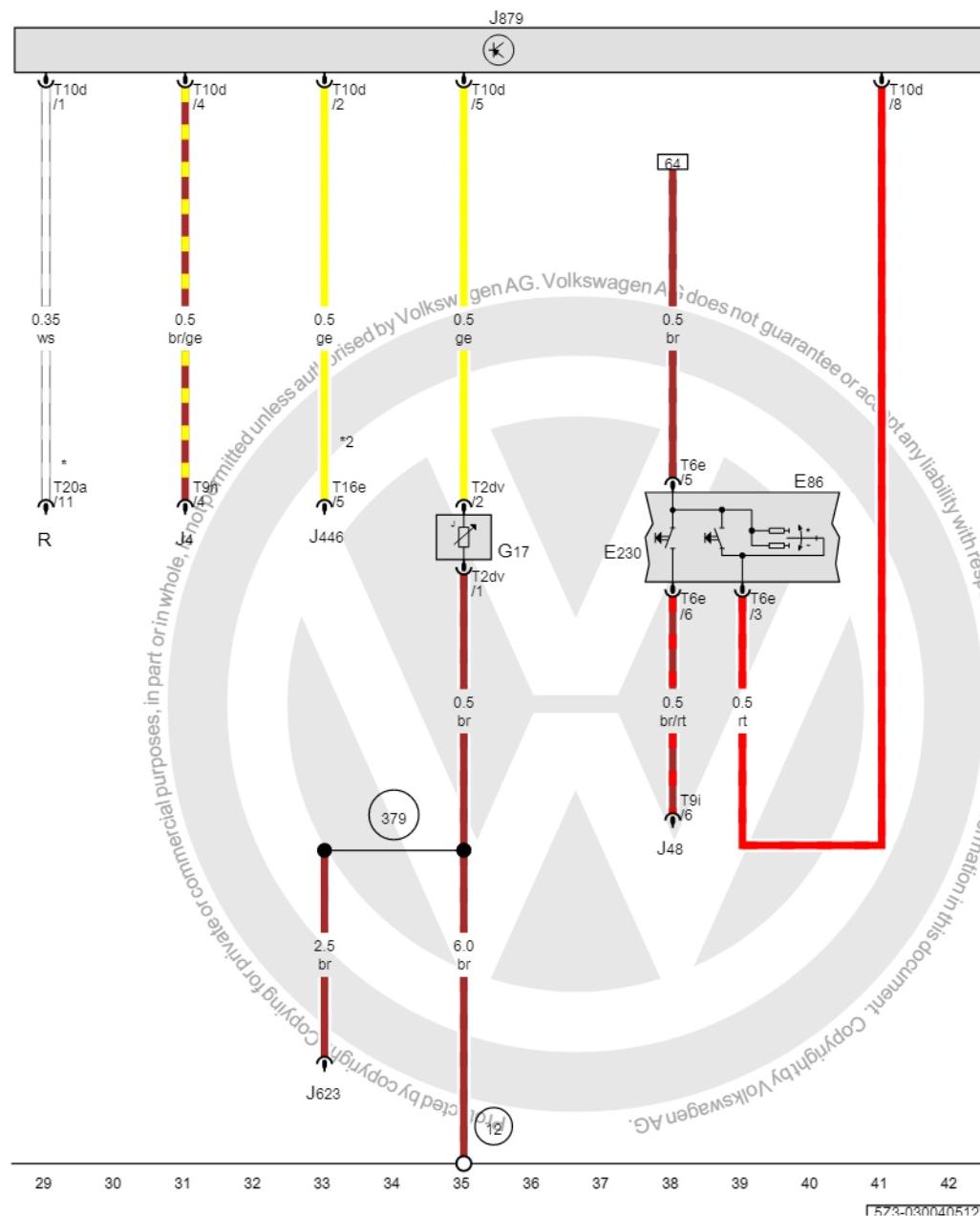
Ignition/starter switch, X-contact relief relay

- Ignition/starter switch
 - X-contact relief relay
 - Terminal 15 relief relay
 - T6am 6-pin connector
 - T6d 6-pin connector
 - T9s 9-pin connector
 - 366 Earth connection 1, in main wiring harness
 - 606 Earth point, under the centre console near gear stick
 - B272 Positive connection (30), in main wiring harness
 - B273 Positive connection (15), in main wiring harness
 - B275 Positive connection (87), in main wiring harness
 - B298 Positive connection 2 (30), in main wiring harness
 - B300 Positive connection 4 (30), in main wiring harness
 - B346 Connection 1 (75), in main wiring harness

Only models with operating unit for radio

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

Multifunction display call-up button, Heated rear window button, Ambient temperature sensor, Control unit for interactive system



- E86 Multifunction display call-up button
- E230 Heated rear window button
- G17 Ambient temperature sensor
- J4 Dual tone horn relay
- J48 Heated rear window control relay
- J446 Parking aid control unit
- J623 Engine control unit
- J879 Control unit for interactive system
- R Radio
- T2dv 2-pin connector
- T6e 6-pin connector
- T9h 9-pin connector
- T9i 9-pin connector
- T10d 10-pin connector
- T16e 16-pin connector
- T20a 20-pin connector

12 Earth point, on left in engine compartment

379 Earth connection 14, in main wiring harness

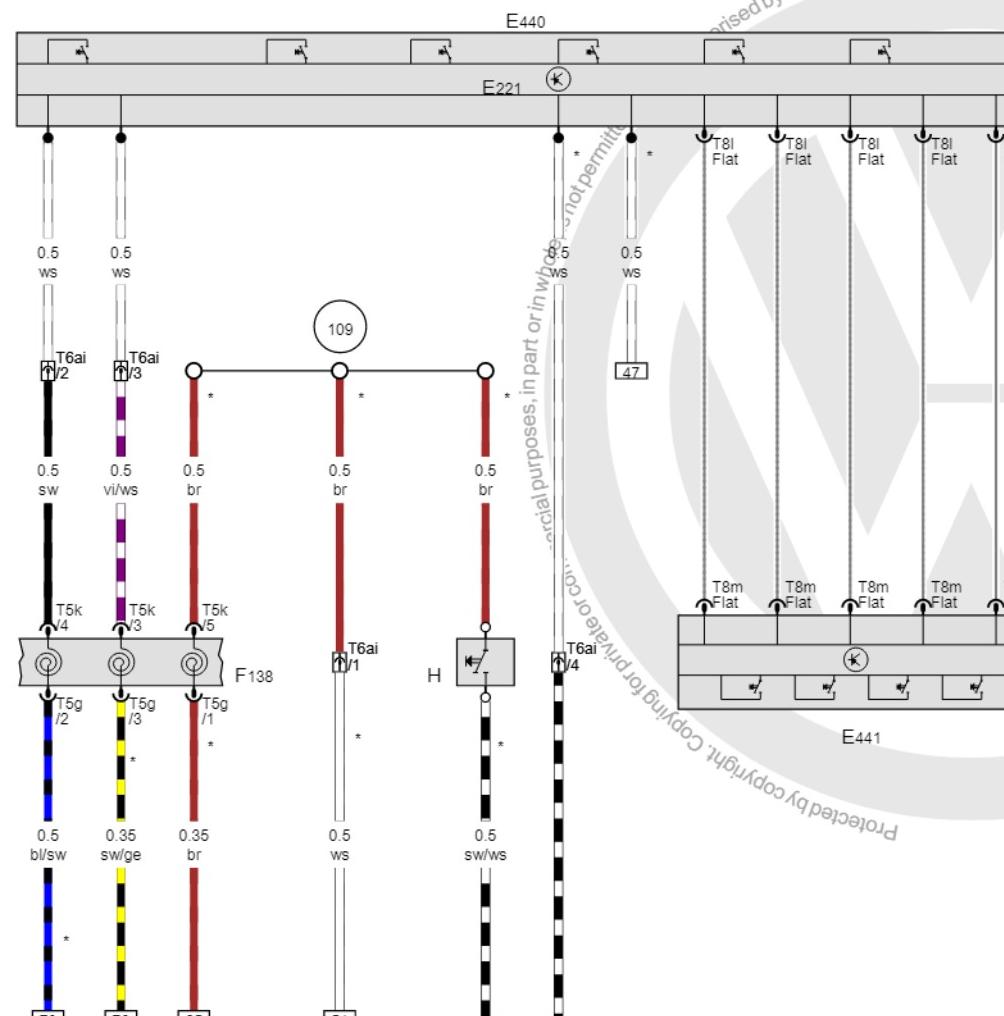
* Only models with operating unit for radio
*2 Only models with park assist steering

- | | |
|----|----------|
| ws | = white |
| sw | = black |
| ro | = red |
| rt | = red |
| br | = brown |
| gn | = green |
| bl | = blue |
| gr | = grey |
| li | = purple |
| vi | = purple |
| ge | = yellow |
| or | = orange |
| rs | = pink |

Operating unit in steering wheel, Multifunction buttons on left in steering wheel, Multifunction buttons on right in steering wheel, Airbag coil connector and return ring with slip ring, Horn plate

- E221 Operating unit in steering wheel
- E440 Multifunction buttons on left in steering wheel
- E441 Multifunction buttons on right in steering wheel
- F138 Airbag coil connector and return ring with slip ring
- H Horn plate
- T5g 5-pin connector
- T5k 5-pin connector
- T6ai 6-pin connector
- T8l 8-pin connector
- T8m 8-pin connector
- 109 Earth connection, in airbag wiring harness

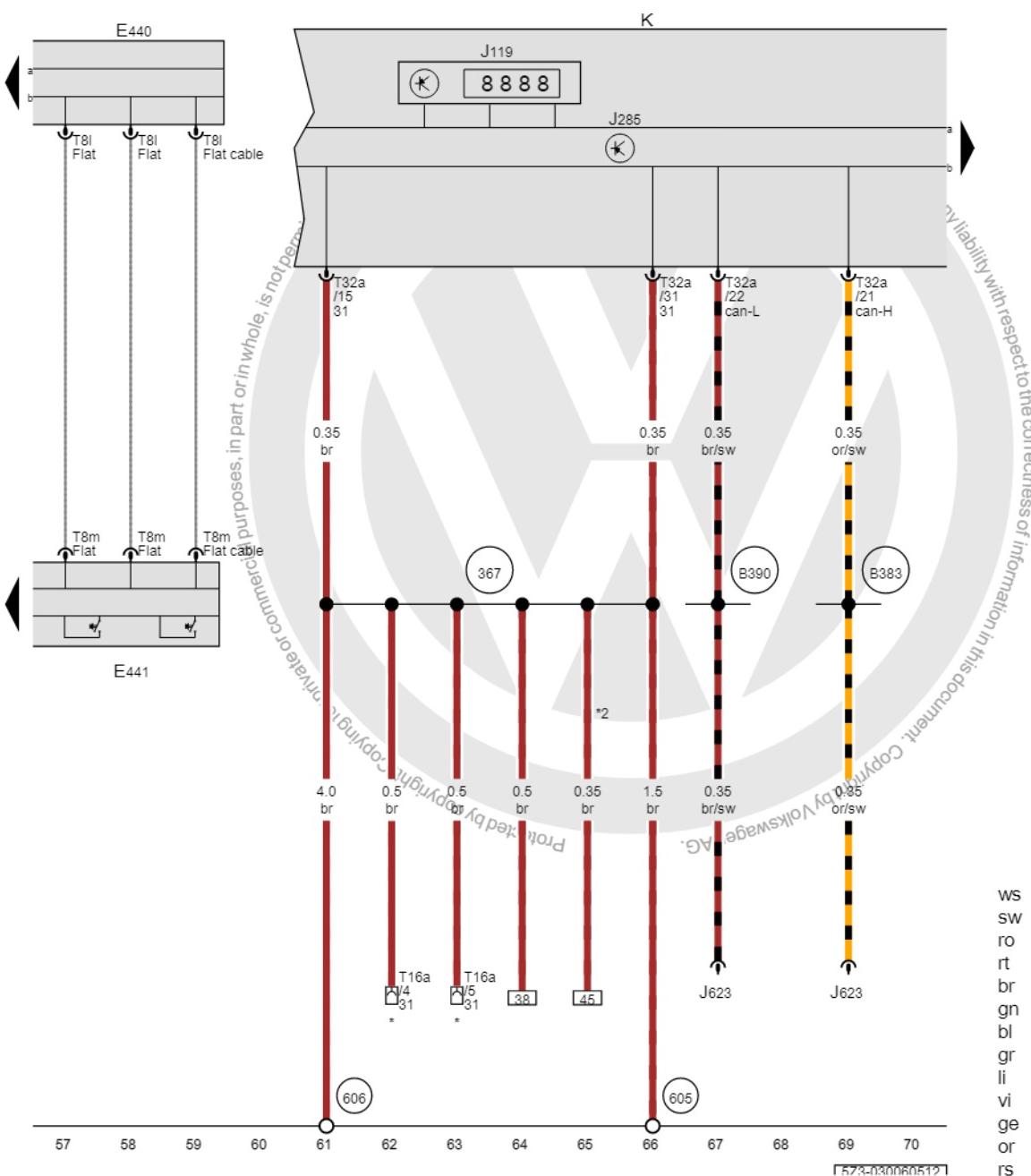
* Only models with operating unit for radio



- | | |
|----|----------|
| ws | = white |
| sw | = black |
| ro | = red |
| rt | = red |
| br | = brown |
| gn | = green |
| bl | = blue |
| gr | = grey |
| li | = purple |
| vi | = purple |
| ge | = yellow |
| or | = orange |
| rs | = pink |

43 44 45 46 47 48 49 50 51 52 53 54 55 56

1523-03000505121



Multifunction buttons on left in steering wheel, Multifunction buttons on right in steering wheel, Multifunction indicator, Control unit in dash panel insert, Dash panel insert

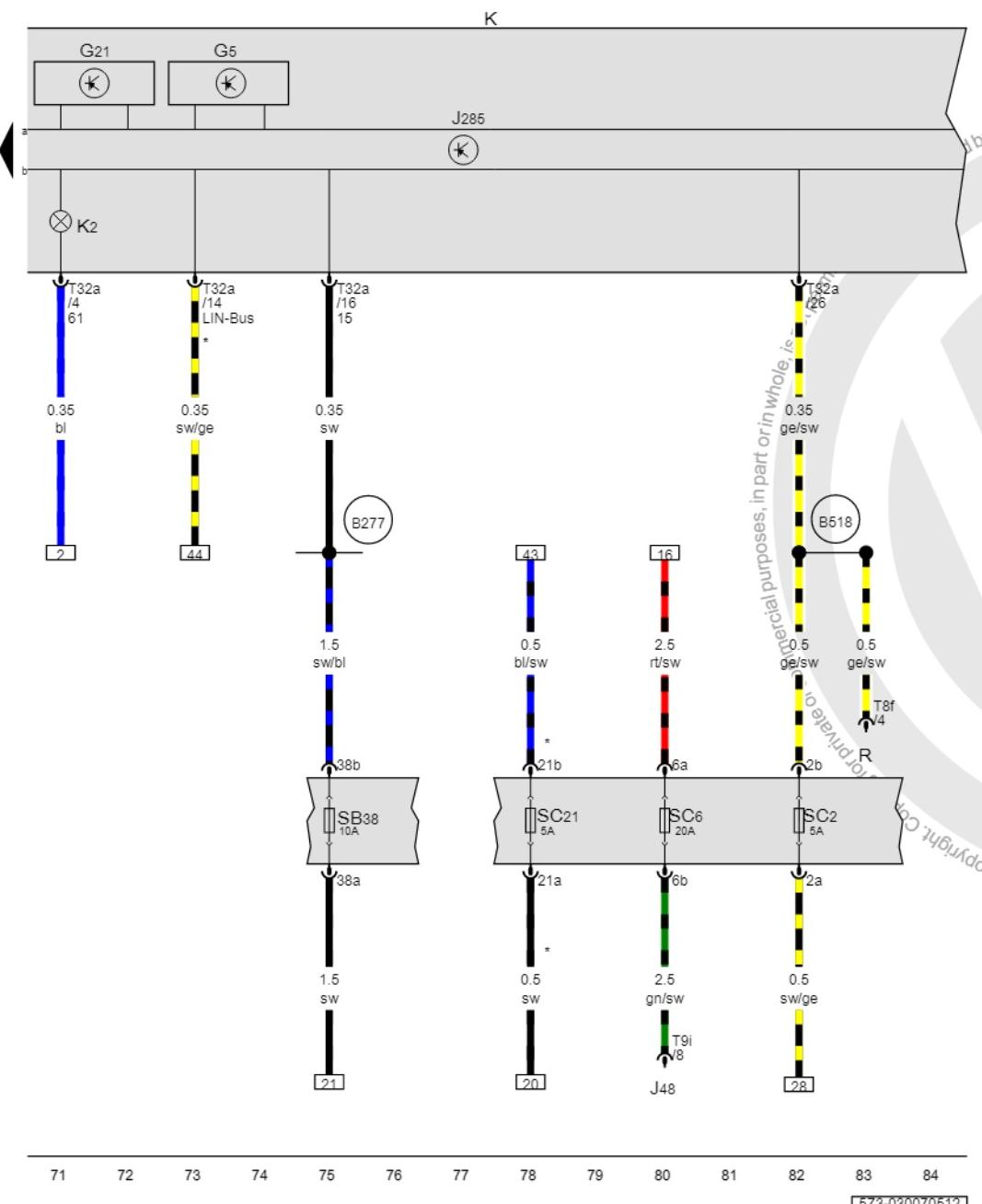
- E440 Multifunction buttons on left in steering wheel
 - E441 Multifunction buttons on right in steering wheel
 - J119 Multifunction indicator
 - J285 Control unit in dash panel insert
 - J623 Engine control unit
 - K Dash panel insert
 - T8l 8-pin connector
 - T8m 8-pin connector
 - T16a 16-pin connector
 - T32a 32-pin connector
 - 367** Earth connection 2, in main wiring harness
 - 605** Earth point, on top end of steering column
 - 606** Earth point, under the centre console near gear stick
 - B383** Connection 1 (powertrain CAN bus, high), in main wiring harness
 - B390** Connection 1 (powertrain CAN bus, low), in main wiring harness

* Diagnostic connection

*2 Only models with operating unit for radio

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp



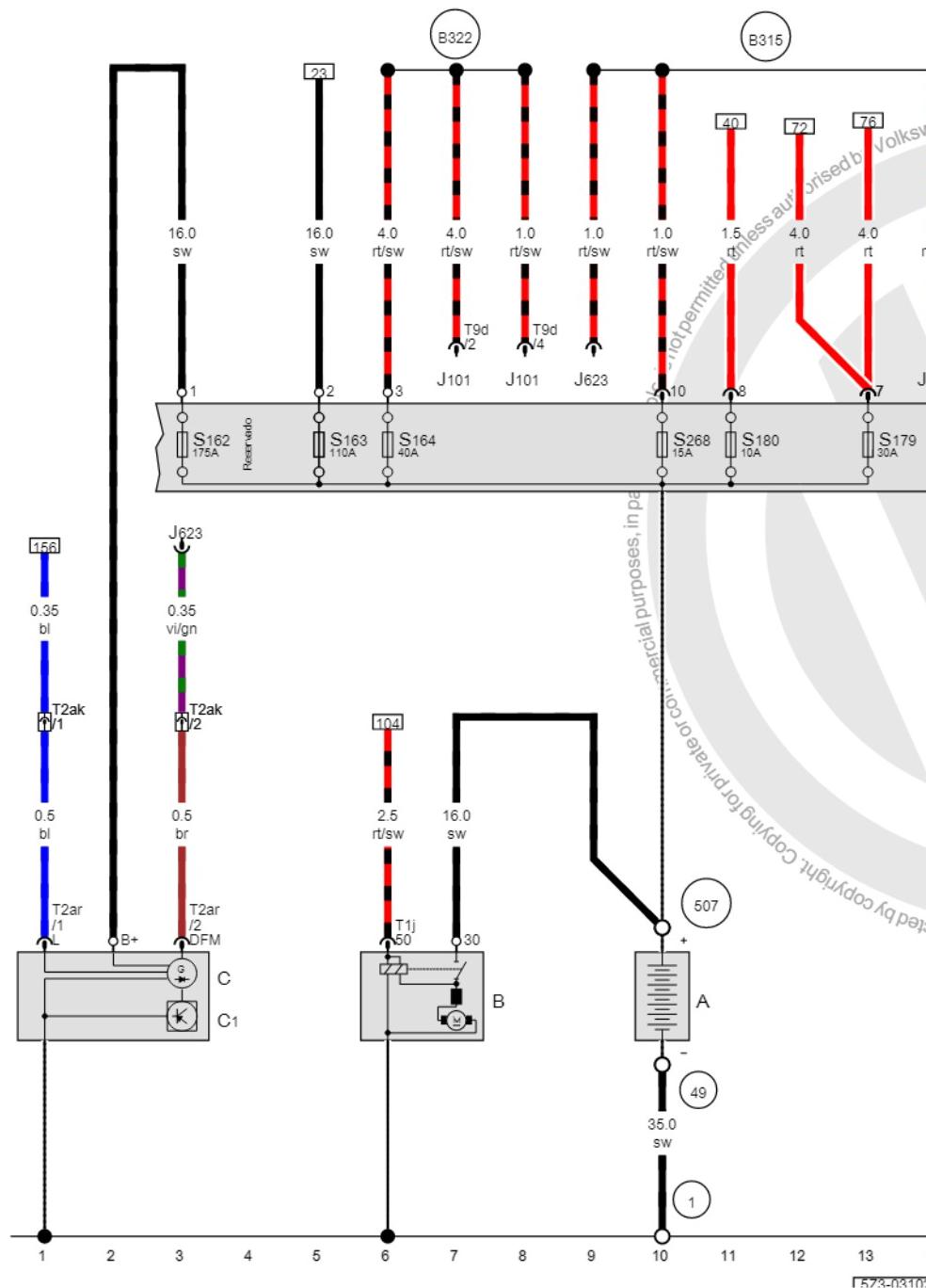
- G5 Rev. counter
- G21 Speedometer
- J48 Heated rear window control relay
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- R Radio
- SC2 Fuse 2 on fuse holder C
- SC6 Fuse 6 on fuse holder C
- SC21 Fuse 21 on fuse holder C
- SB38 Fuse 38 on fuse holder B
- T8f 8-pin connector
- T9i 9-pin connector
- T32a 32-pin connector
- (B277) Positive connection 1 (15a) in main wiring harness
- (B518) Connection (86s), in main wiring harness
- * Only models with operating unit for radio

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Automated manual gearbox , CCRA,CFZA

From April 2012





Battery, Starter, Alternator, Voltage regulator

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J101 Radiator fan 2nd speed relay
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- S164 Fuse 3 (30), in battery fuse holder
- S179 Fuse 7 (30), in battery fuse holder
- S180 Fuse 8 (30), in battery fuse holder
- S268 Fuse 10 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector, in engine compartment
- T2ar 2-pin connector
- T9d 9-pin connector
- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder
- B315 Positive connection 1 (30a) in main wiring harness
- B322 Positive connection 8 (30a) in main wiring harness

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

This wiring diagram illustrates the electrical connections for the front door assembly of a Volkswagen Golf Mk4. The diagram is organized into several vertical columns representing different wires:

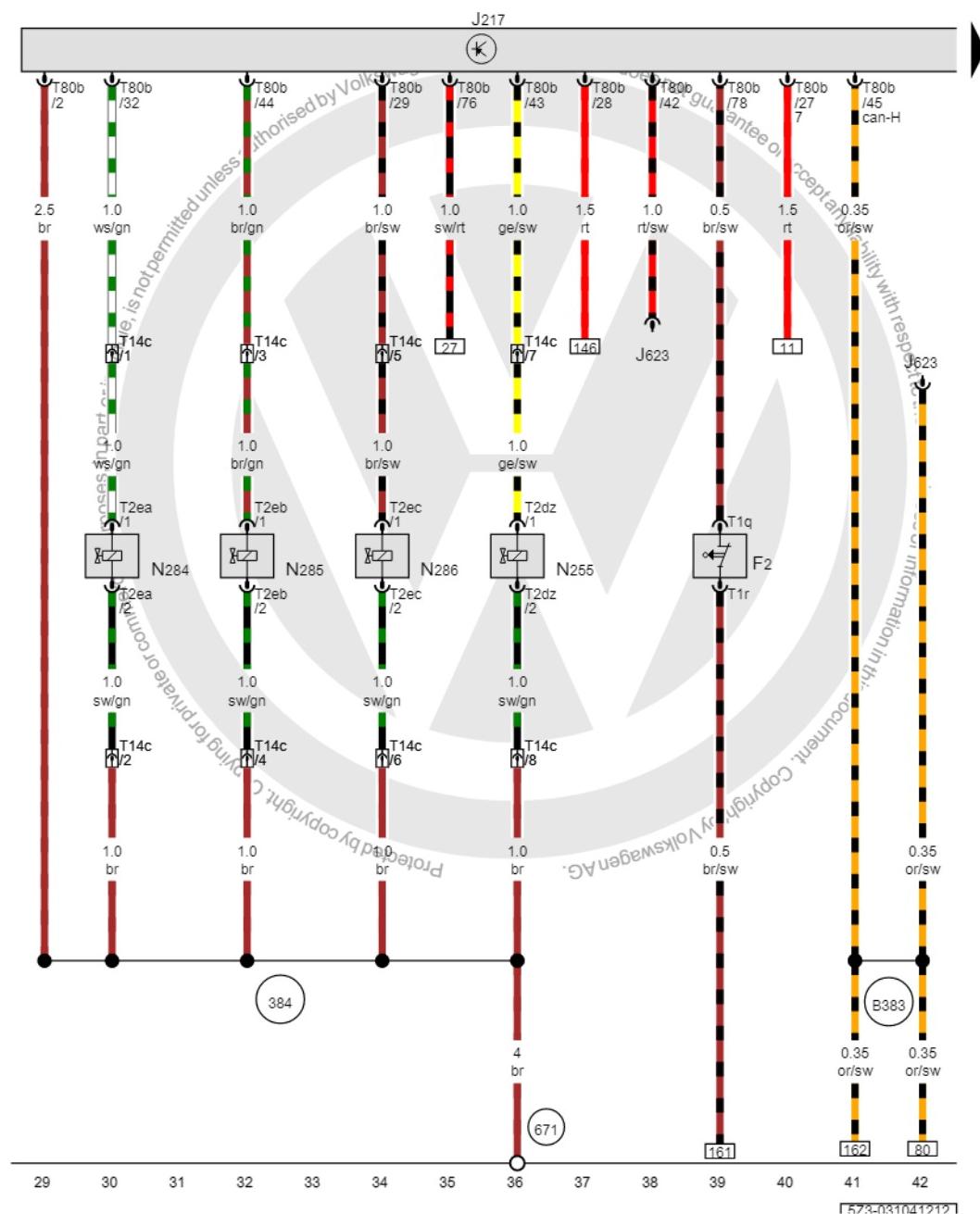
- Column 1 (Left):** Contains connections for wire 22, which includes 1.0 br, 4.0 br, 0.5 br, 1.0 sw/r, 1.0 sw/rt, 1.0 sw, 1.0 sw, 1.0 rt/sw, and 1.0 sw/rt.
- Column 2:** Contains connections for wire 141, which includes 1.5 sw/rt, 6.0 sw/rt, 4.0 rt, 6.0 sw/rt, 4.0 rt, 1.0 br, 1.0 sw, 1.0 sw, 1.0 rt/sw, and 1.0 sw/rt.
- Column 3:** Contains connections for wire 19, which includes 1.0 sw, 1.0 sw, 1.0 sw, 1.0 sw, 1.0 sw, 1.0 sw, 1.0 rt, 1.0 rt, 1.0 rt, and 1.0 rt.
- Column 4:** Contains connections for wire 107, which includes 1.0 sw, 1.0 sw, 1.0 sw, 1.0 sw, 1.0 sw, 1.0 sw, 1.0 rt, 1.0 rt, 1.0 rt, and 1.0 rt.
- Column 5:** Contains connections for wire 100, which includes 1.0 sw, 1.0 sw, 1.0 sw, 1.0 sw, 1.0 sw, 1.0 sw, 1.0 rt/sw, 1.0 rt/sw, 1.0 rt/sw, and 1.0 rt/sw.
- Column 6:** Contains connections for wire 103, which includes 1.0 sw, 1.0 sw, 1.0 sw, 1.0 sw, 1.0 sw, 1.0 sw, 1.0 rt, 1.0 rt, 1.0 rt, and 1.0 rt.
- Column 7:** Contains connections for wire 101, which includes 1.0 br, 1.0 sw, 1.0 sw, 1.0 sw, 1.0 sw, 1.0 sw, 1.0 rt, 1.0 rt, 1.0 rt, and 1.0 rt.
- Column 8:** Contains connections for wire 148, which includes 1.0 br, 1.0 sw, 1.0 sw, 1.0 sw, 1.0 sw, 1.0 sw, 2.5 rt, 2.5 rt, 0.5 rt, and 2.5 rt.
- Column 9:** Contains connections for wire 35, which includes 1.0 br, 1.0 sw, 1.0 sw, 1.0 sw, 1.0 sw, 1.0 sw, 2.5 rt, 2.5 rt, 0.5 rt, and 2.5 rt.

The diagram also shows several junction boxes (J59, J404, B275, B626, B729) and various connector types (T6d, T6am, T9s, J19, J107, J100, J103, J141, J148).

Ignition/starter switch, X-contact relief relay, Terminal 15
relief relay

- D Ignition/starter switch
 - J59 X-contact relief relay
 - J404 Terminal 15 relief relay
 - J623 Engine control unit
 - T6am 6-pin connector
 - T6d 6-pin connector
 - T9s 9-pin connector
 - 366 Earth connection 1, in main wiring harness
 - 606 Earth point, under the centre console near gear stick
 - B272 Positive connection (30), in main wiring harness
 - B275 Positive connection (87), in main wiring harness
 - B298 Positive connection 2 (30), in main wiring harness
 - B300 Positive connection 4 (30), in main wiring harness
 - B626 Positive connection 2 (15), in main wiring harness
 - B729 Connection 1 (50), in main wiring harness

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

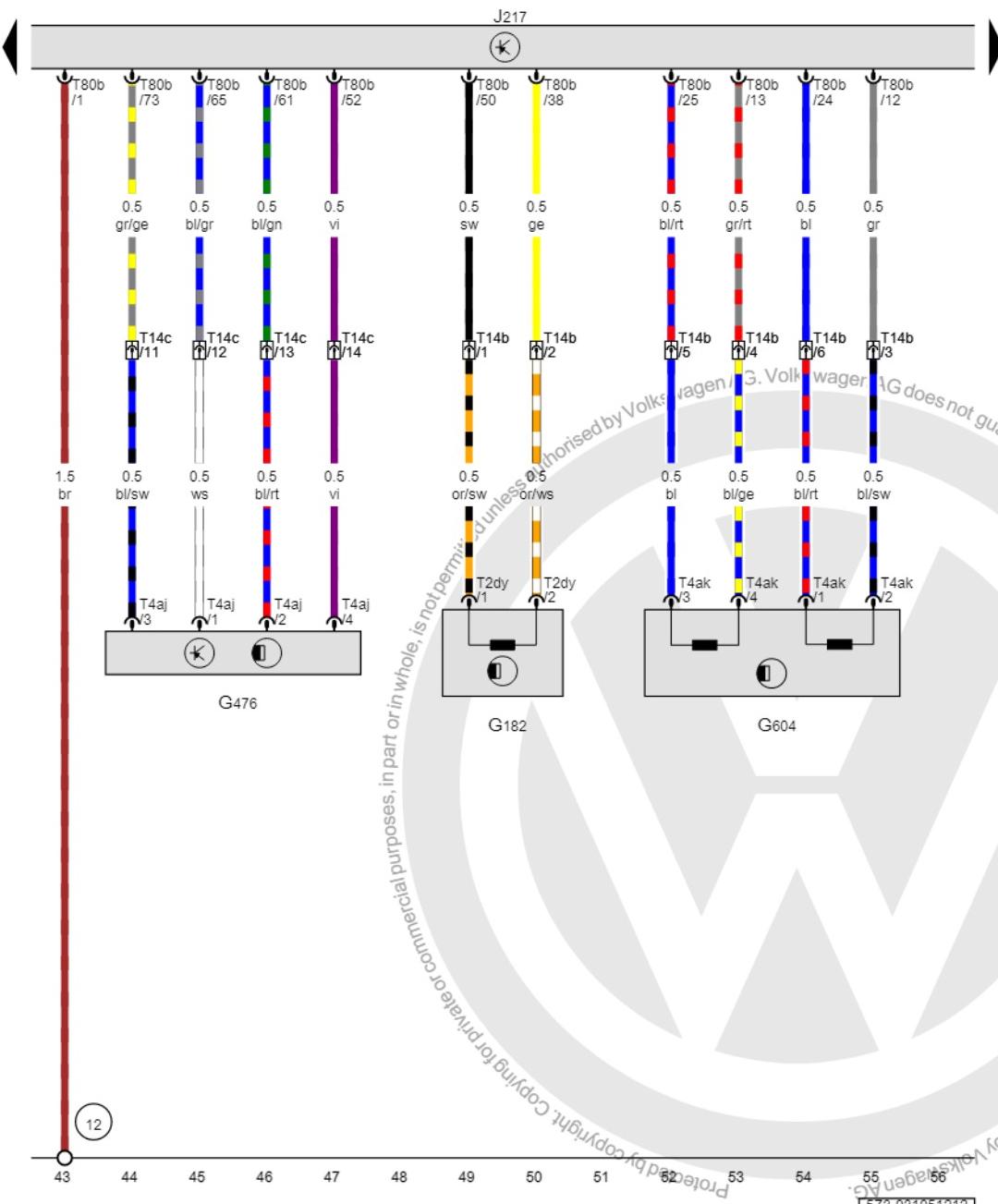


Driver door contact switch, Automatic gearbox control unit, Clutch actuator valve, Selector lever valve 1, Selector lever valve 2, Selector lever valve 3

- | | |
|------|---|
| F2 | Driver door contact switch |
| J217 | Automatic gearbox control unit |
| J623 | Engine control unit |
| N255 | Clutch actuator valve |
| N284 | Selector lever valve 1 |
| N285 | Selector lever valve 2 |
| N286 | Selector lever valve 3 |
| T1q | Single connector |
| T1r | Single connector |
| T2dz | 2-pin connector |
| T2ea | 2-pin connector |
| T2eb | 2-pin connector |
| T2ec | 2-pin connector |
| T14c | 14-pin connector, under cover for selector mechanism |
| T80b | 80-pin connector |
| 384 | Earth connection 19, in main wiring harness |
| 671 | Earth point 1, on front of left longitudinal member |
| B383 | Connection 1 (powertrain CAN bus, high), in main wiring harness |

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Gearbox input speed sender, Clutch position sender, Gear detection sensor, Automatic gearbox control unit



G182 Gearbox input speed sender

G476 Clutch position sender

G604 Gear detection sensor

J217 Automatic gearbox control unit

T2dy 2-pin connector

T4aj 4-pin connector

T4ak 4-pin connector

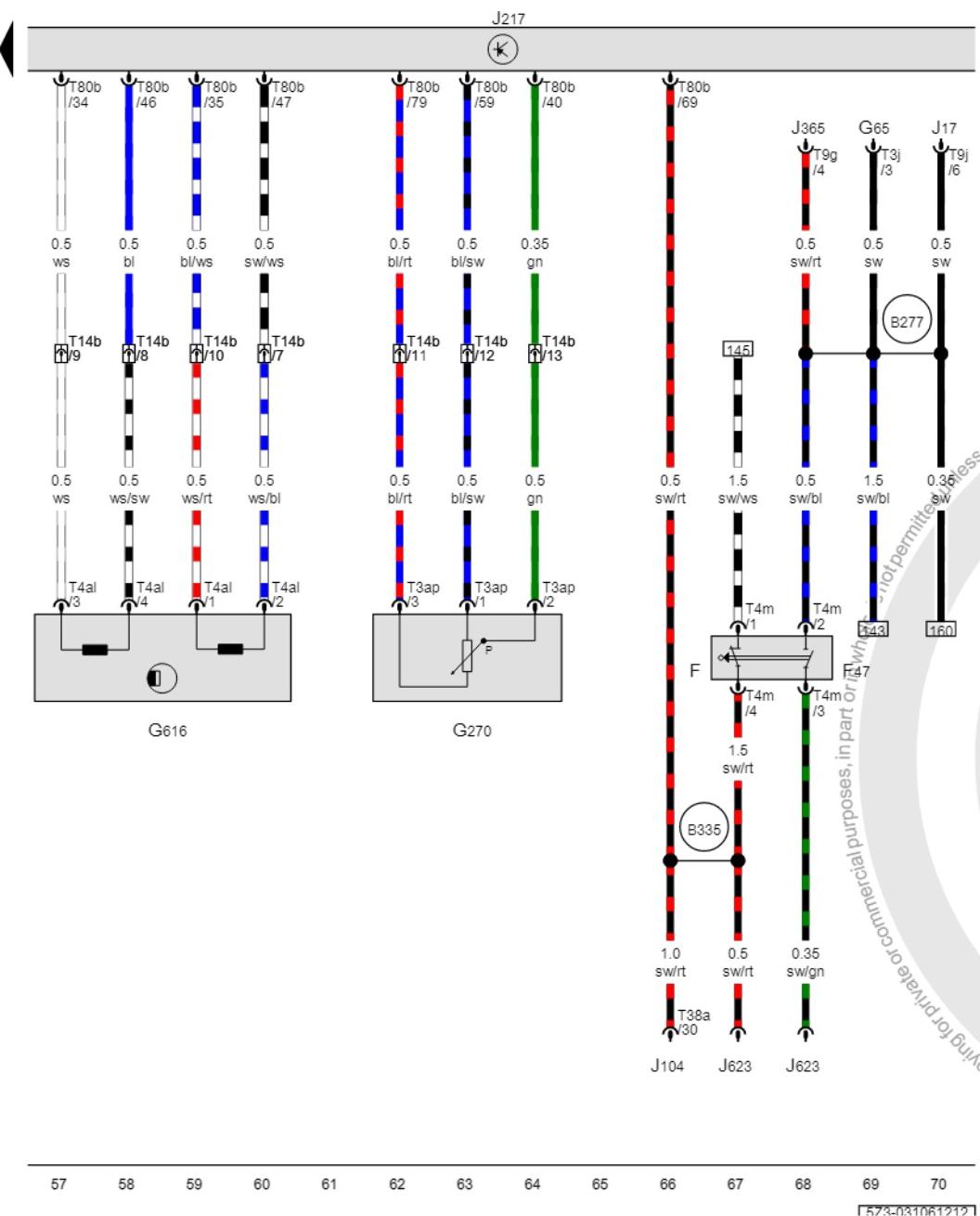
T14b 14-pin connector, under cover for selector mechanism

T14c 14-pin connector, under cover for selector mechanism

T80b 80-pin connector

12 Earth point, on left in engine compartment

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
li	= purple
ge	= yellow
or	= orange
rs	= pink



Brake light switch, Brake pedal switch, Gearbox hydraulic pressure sender, Sensor 2 for gear detection, Automatic gearbox control unit

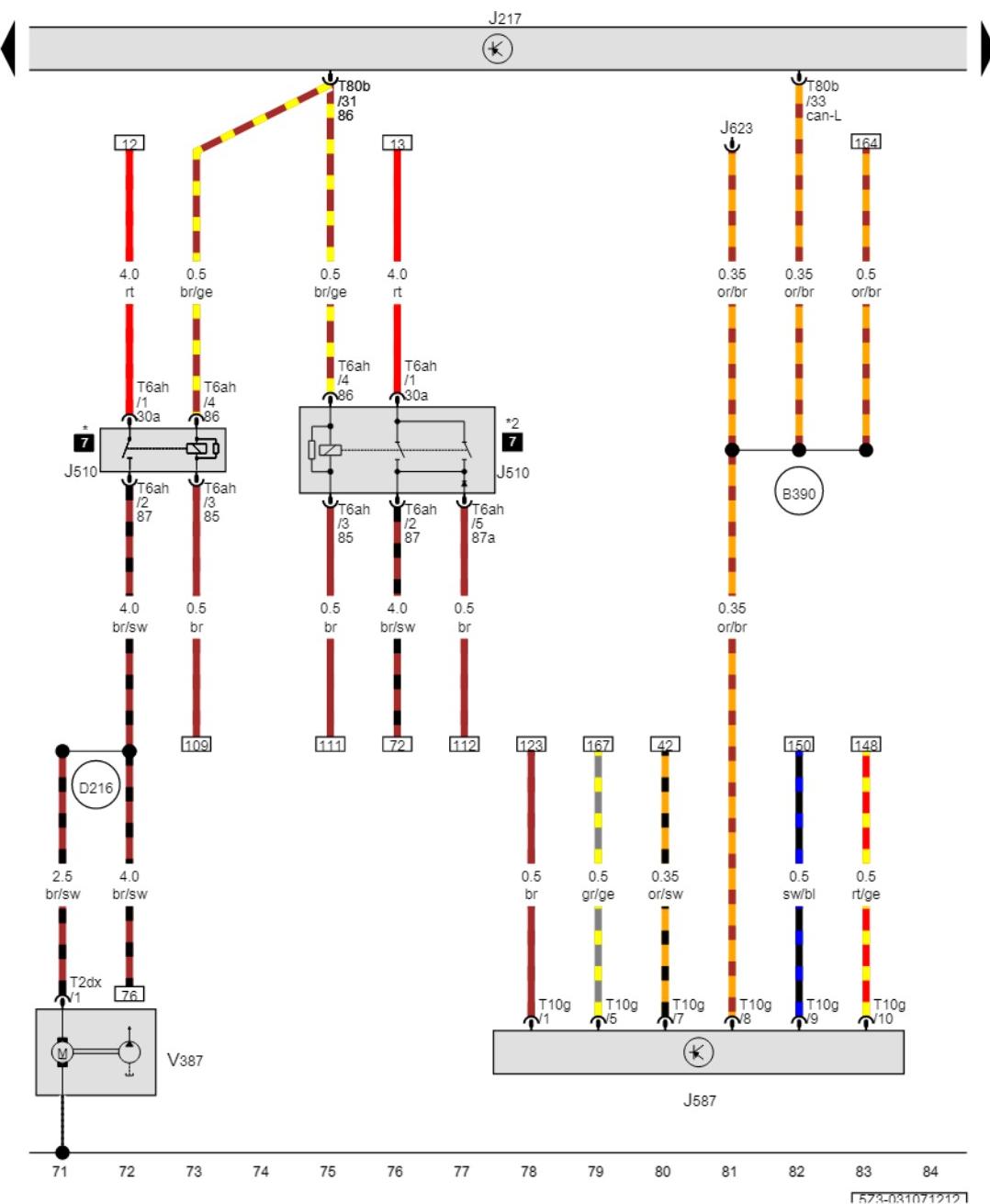
F Brake light switch
F47 Brake pedal switch
G65 High-pressure sender
G270 Gearbox hydraulic pressure sender
G616 Sensor 2 for gear detection
J17 Fuel pump relay
J104 ABS control unit
J217 Automatic gearbox control unit
J365 Air conditioning system switch-off relay
J623 Engine control unit
T3ap 3-pin connector
T3j 3-pin connector
T4al 4-pin connector
T4m 4-pin connector
T9g 9-pin connector
T9j 9-pin connector
T14b 14-pin connector, under cover for selector mechanism
T38a 38-pin connector
T80b 80-pin connector

B277 Positive connection 1 (15a) in main wiring harness

B335 Connection 1 (54), in main wiring harness

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
lp	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

Automatic gearbox control unit, Selector lever sensors control unit, Hydraulic pump for gearbox



J217 Automatic gearbox control unit

J510 Gearbox hydraulic pump relay

J587 Selector lever sensors control unit

J623 Engine control unit

T2dx 2-pin connector

T6ah 6-pin connector

T10g 10-pin connector

T80b 80-pin connector

V387 Hydraulic pump for gearbox

(B390) Connection 1 (powertrain CAN bus, low), in main wiring harness

(D216) Connection (hydraulic pump warning lamp), in main wiring harness

* From November 2012

*2 Up to November 2012

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

Protected by copyright. Copying or private use of commercial purposes, in part or in whole, is not permitted unless authorised by Volkswagen AG.

Protected by copyright. Copying or private use of commercial purposes, in part or in whole, is not permitted unless authorised by Volkswagen AG.

Protected by copyright. Copying or private use of commercial purposes, in part or in whole, is not permitted unless authorised by Volkswagen AG.

Protected by copyright. Copying or private use of commercial purposes, in part or in whole, is not permitted unless authorised by Volkswagen AG.

Protected by copyright. Copying or private use of commercial purposes, in part or in whole, is not permitted unless authorised by Volkswagen AG.

Protected by copyright. Copying or private use of commercial purposes, in part or in whole, is not permitted unless authorised by Volkswagen AG.

Protected by copyright. Copying or private use of commercial purposes, in part or in whole, is not permitted unless authorised by Volkswagen AG.

Protected by copyright. Copying or private use of commercial purposes, in part or in whole, is not permitted unless authorised by Volkswagen AG.

Protected by copyright. Copying or private use of commercial purposes, in part or in whole, is not permitted unless authorised by Volkswagen AG.

Protected by copyright. Copying or private use of commercial purposes, in part or in whole, is not permitted unless authorised by Volkswagen AG.

Protected by copyright. Copying or private use of commercial purposes, in part or in whole, is not permitted unless authorised by Volkswagen AG.

Protected by copyright. Copying or private use of commercial purposes, in part or in whole, is not permitted unless authorised by Volkswagen AG.

Protected by copyright. Copying or private use of commercial purposes, in part or in whole, is not permitted unless authorised by Volkswagen AG.

Protected by copyright. Copying or private use of commercial purposes, in part or in whole, is not permitted unless authorised by Volkswagen AG.

Protected by copyright. Copying or private use of commercial purposes, in part or in whole, is not permitted unless authorised by Volkswagen AG.

Protected by copyright. Copying or private use of commercial purposes, in part or in whole, is not permitted unless authorised by Volkswagen AG.

Protected by copyright. Copying or private use of commercial purposes, in part or in whole, is not permitted unless authorised by Volkswagen AG.

Protected by copyright. Copying or private use of commercial purposes, in part or in whole, is not permitted unless authorised by Volkswagen AG.

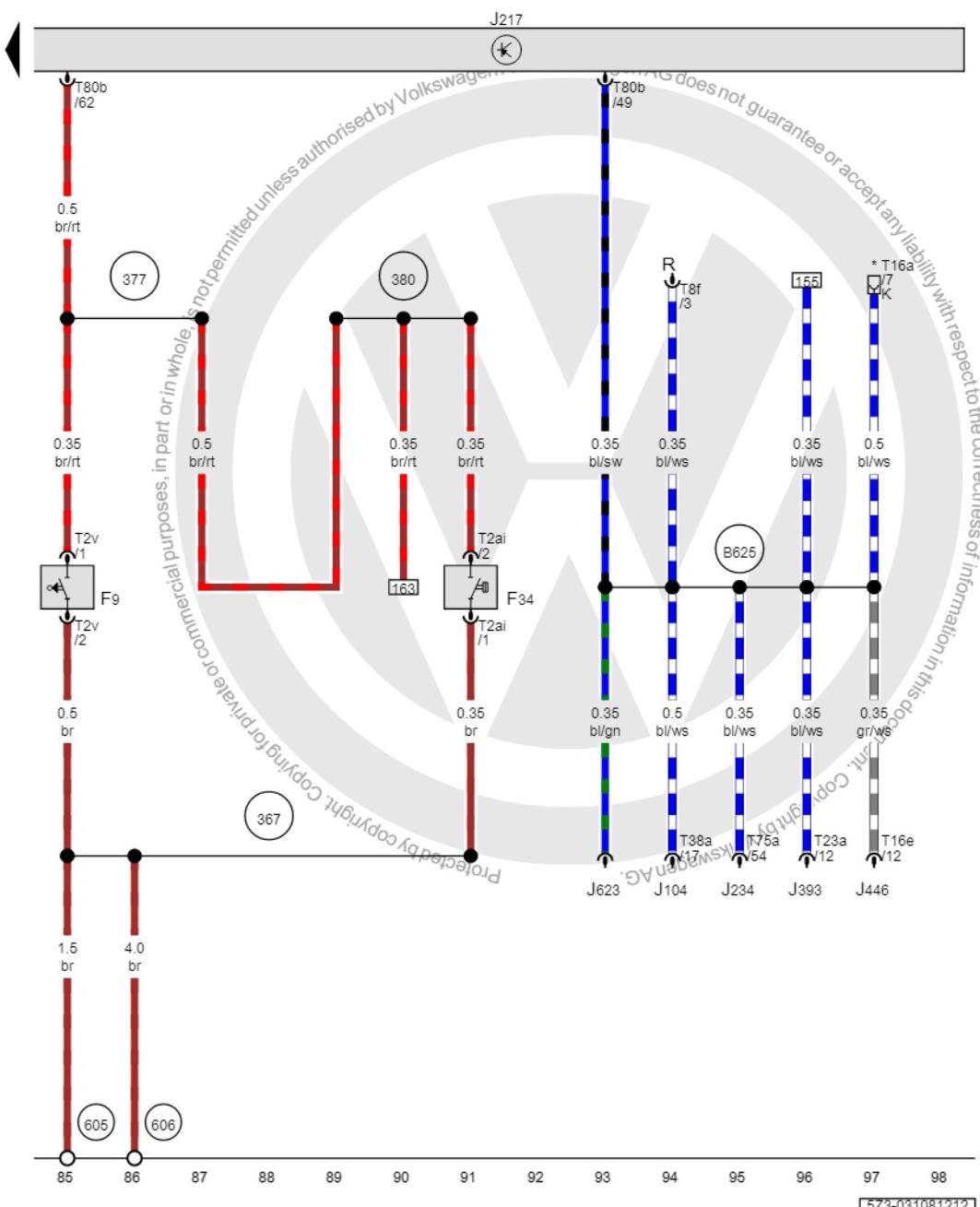
Protected by copyright. Copying or private use of commercial purposes, in part or in whole, is not permitted unless authorised by Volkswagen AG.

Protected by copyright. Copying or private use of commercial purposes, in part or in whole, is not permitted unless authorised by Volkswagen AG.

Protected by copyright. Copying or private use of commercial purposes, in part or in whole, is not permitted unless authorised by Volkswagen AG.

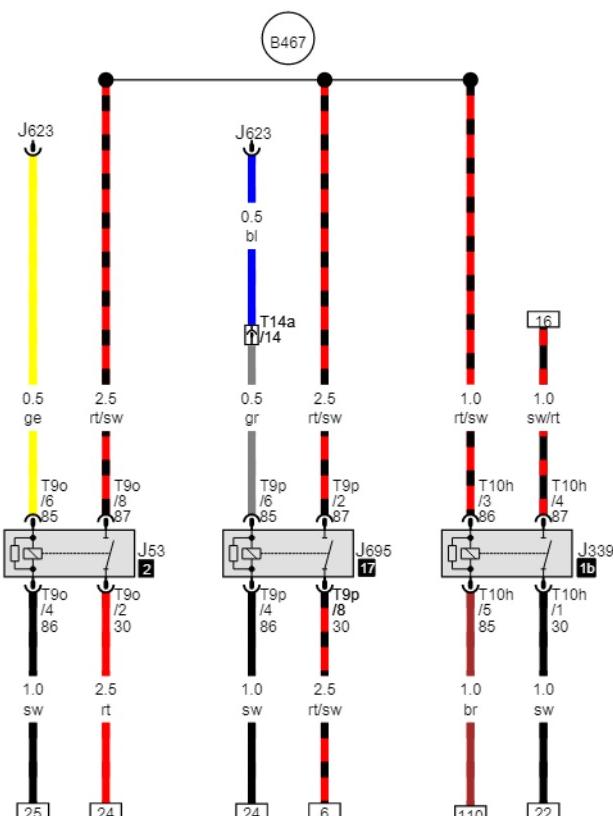
Protected by copyright. Copying or private use of commercial purposes, in part or in whole, is not permitted unless authorised by Volkswagen AG.

Handbrake warning switch, Brake fluid level warning contact, Automatic gearbox control unit



- F9 Handbrake warning switch
 - F34 Brake fluid level warning contact
 - J104 ABS control unit
 - J217 Automatic gearbox control unit
 - J234 Airbag control unit
 - J393 Convenience system central control unit
 - J446 Parking aid control unit
 - J623 Engine control unit
 - R Radio
 - T2ai 2-pin connector
 - T2v 2-pin connector
 - T8f 8-pin connector
 - T16a 16-pin connector
 - T16e 16-pin connector
 - T23a 23-pin connector
 - T38a 38-pin connector
 - T75a 75-pin connector
 - T80b 80-pin connector
 - 367 Earth connection 2, in main wiring harness
 - 377 Earth connection 12, in main wiring harness
 - 380 Earth connection 15, in main wiring harness
 - 605 Earth point, on top end of steering column
 - 606 Earth point, under the centre console near gear stick
 - B625 Connection (K-diagnosis wire), in main wiring harness
- * Diagnostic connection

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink



Starter motor relay, X contact relief relay 2, Starter motor relay 2

J53 Starter motor relay
 J339 X contact relief relay 2
 J623 Engine control unit
 J695 Starter motor relay 2
 T9o 9-pin connector
 T9p 9-pin connector
 T10h 10-pin connector
 T14a 14-pin connector, on left in engine compartment

368 Earth connection 3, in main wiring harness

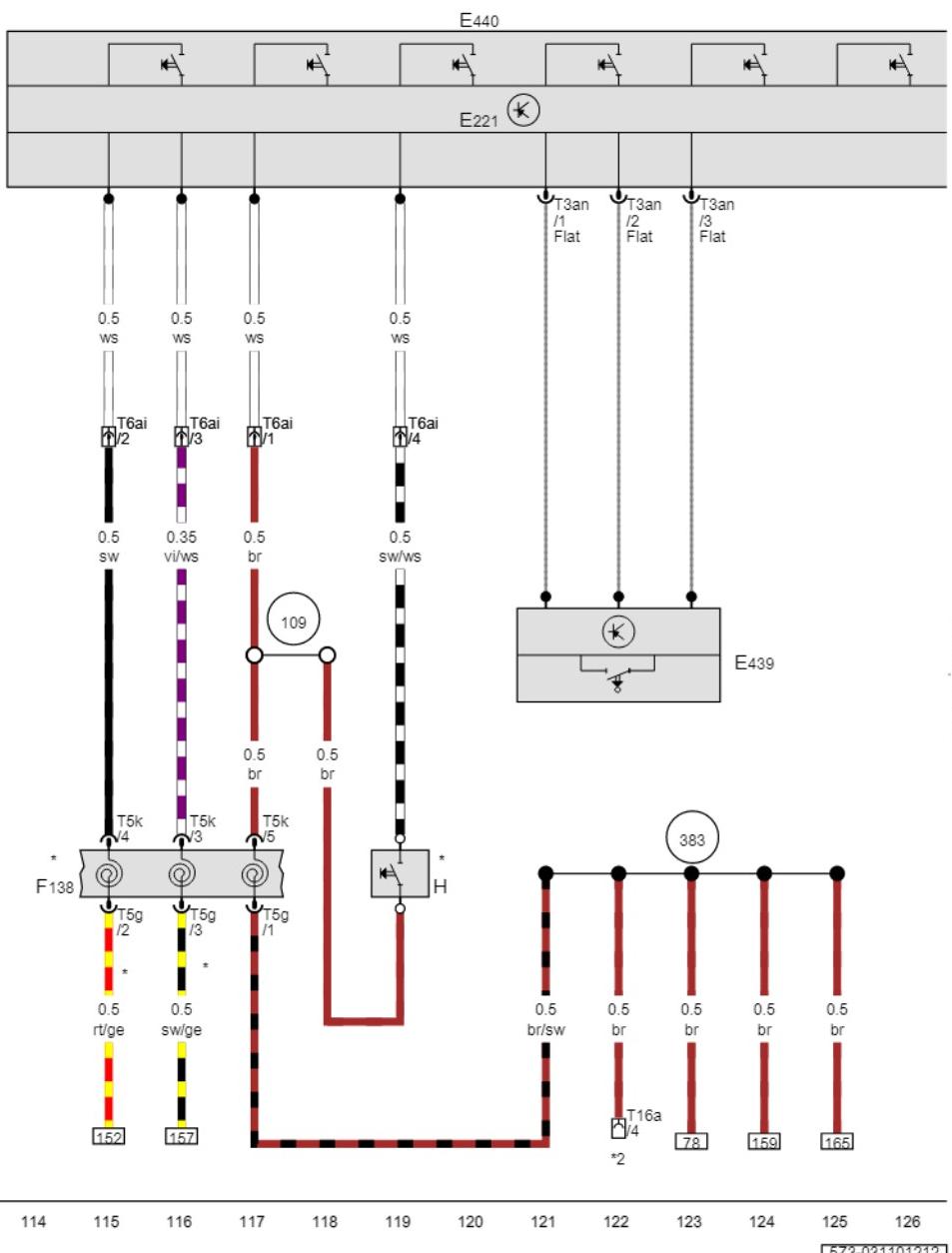
606 Earth point, under the centre console near gear stick

B467 Connection 3, in main wiring harness

Copyright by Volkswagen AG. Volkswagen AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copying for private or commercial purposes, in part or in whole, is prohibited.

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
pink	

Operating unit in steering wheel, Tiptronic switch in steering wheel to shift down, Multifunction buttons on left in steering wheel, Airbag coil connector and return ring with slip ring, Horn plate



E221 Operating unit in steering wheel
E439 Tiptronic switch in steering wheel to shift down
E440 Multifunction buttons on left in steering wheel
F138 Airbag coil connector and return ring with slip ring
H Horn plate

T3an 3-pin connector

T5g 5-pin connector

T5k 5-pin connector

T6a 6-pin connector

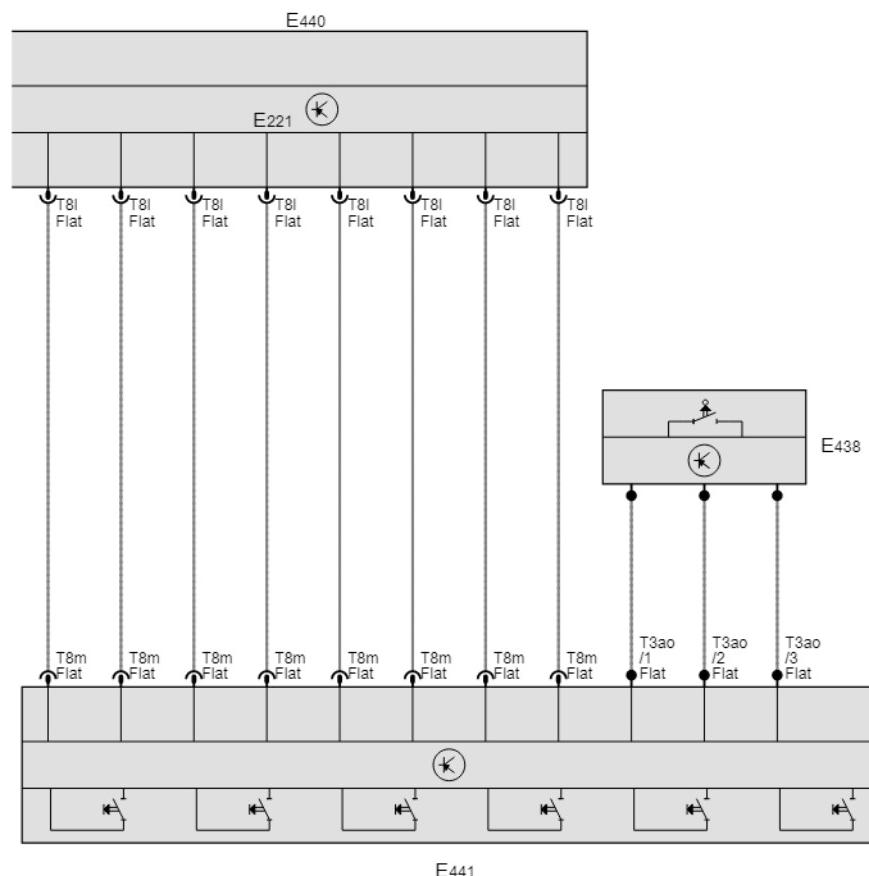
T16a 16-pin connector

109 Earth connection, in airbag wiring harness

383 Earth connection 18, in main wiring harness

*2 Only models with operating unit for radio
Diagnostic connection

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

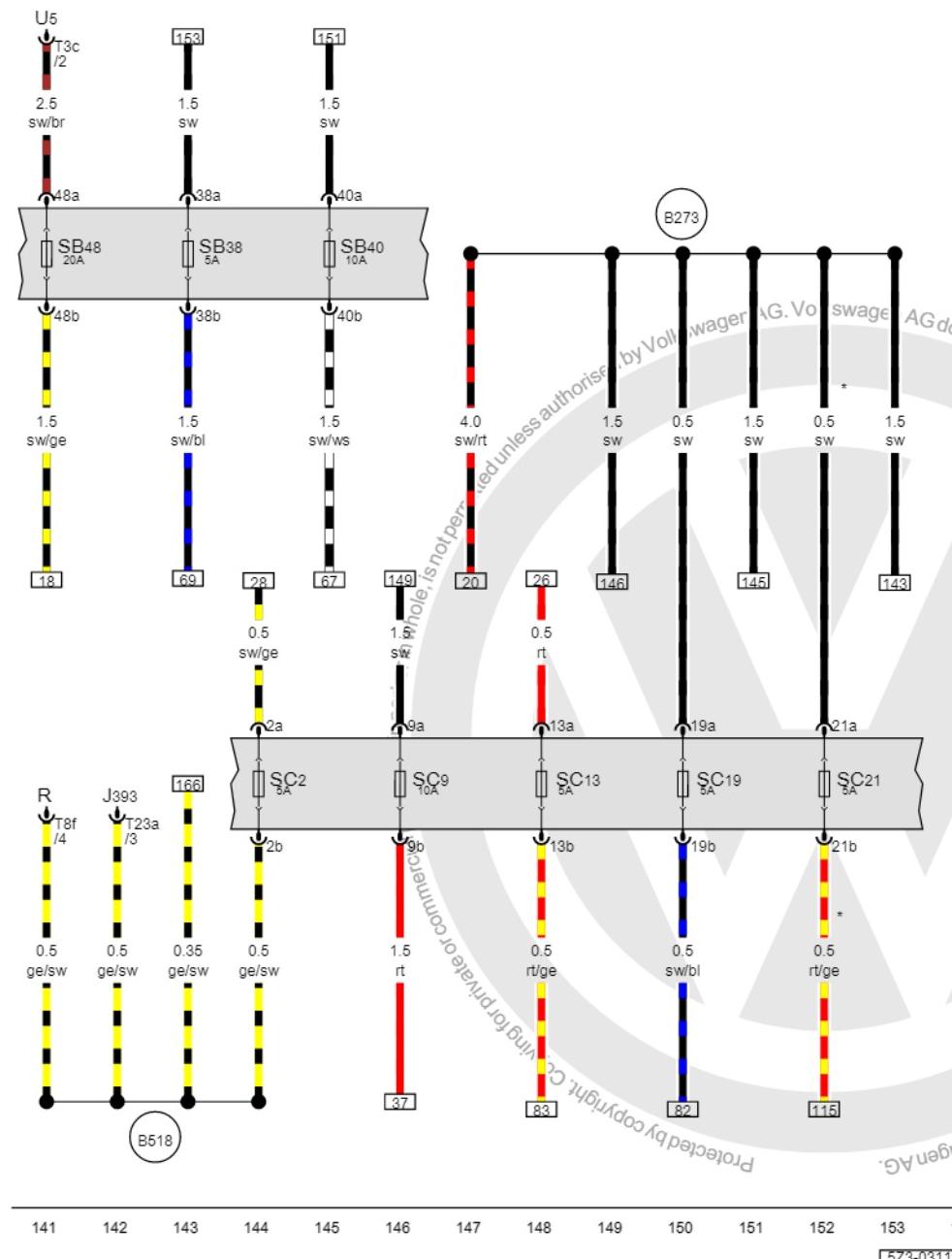


Operating unit in steering wheel, Tiptronic switch in steering wheel to shift up, Multifunction buttons on left in steering wheel, Multifunction buttons on right in steering wheel

- E221 Operating unit in steering wheel
- E438 Tiptronic switch in steering wheel to shift up
- E440 Multifunction buttons on left in steering wheel
- E441 Multifunction buttons on right in steering wheel
- T3ao 3-pin connector
- T8l 8-pin connector
- T8m 8-pin connector

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

1573-0311112121



Fuse 2 on fuse holder C, Fuse 9 on fuse holder C, Fuse 13 on fuse holder C, Fuse 19 on fuse holder C, Fuse 21 on fuse holder C, Fuse 38 on fuse holder B, Fuse 40 on fuse holder B, Fuse 48 on fuse holder B

J393 Convenience system central control unit

R Radio

SC2 Fuse 2 on fuse holder C

SC9 Fuse 9 on fuse holder C

SC13 Fuse 13 on fuse holder C

SC19 Fuse 19 on fuse holder C

SC21 Fuse 21 on fuse holder C

SB38 Fuse 38 on fuse holder B

SB40 Fuse 40 on fuse holder B

SB48 Fuse 48 on fuse holder B

T3c 3-pin connector

T8f 8-pin connector

T23a 23-pin connector

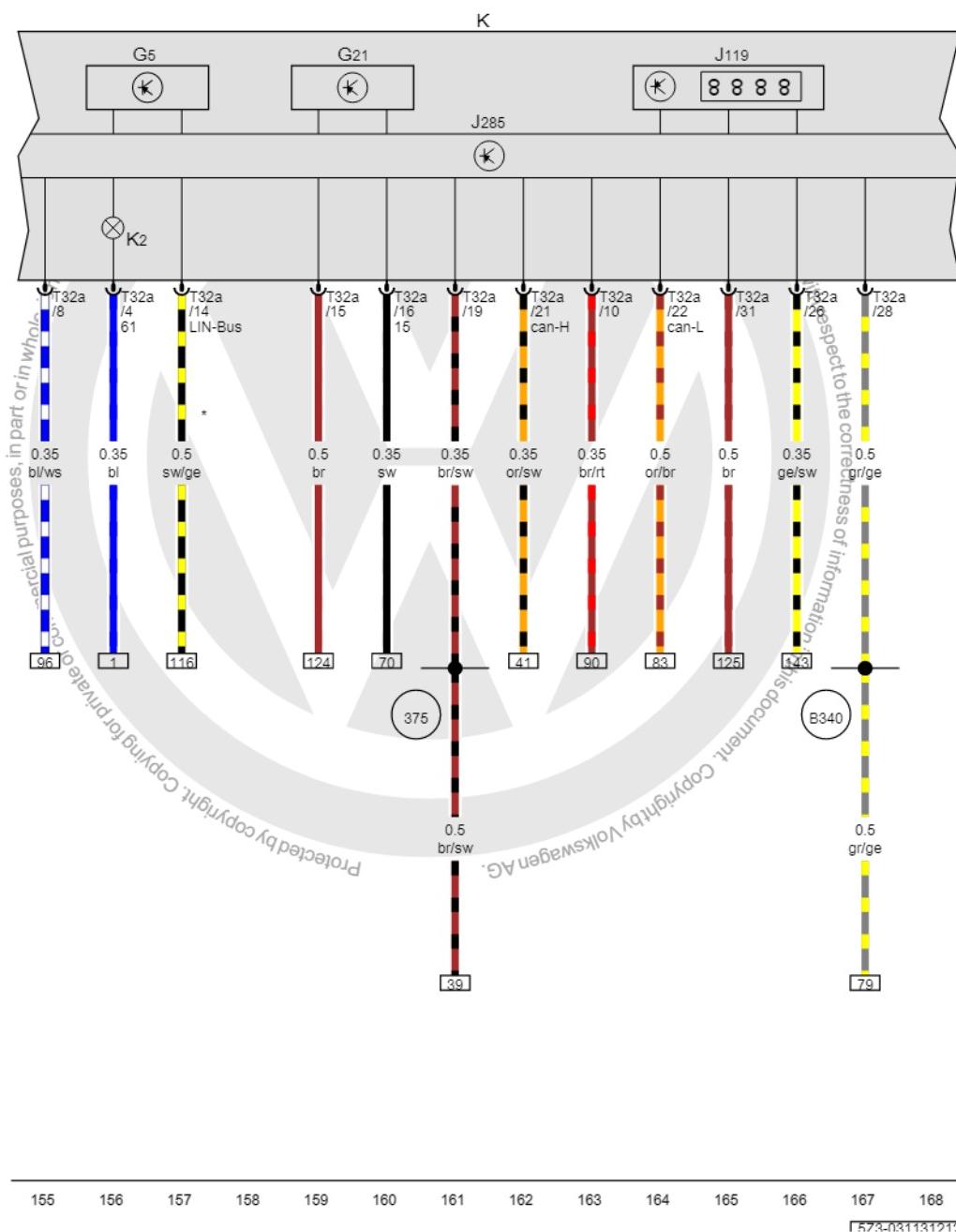
U5 12 V socket

B273 Positive connection (15), in main wiring harness

B518 Connection (86s), in main wiring harness

* Only models with operating unit for radio

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink



Rev. counter, Speedometer, Multifunction indicator, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp

G5 Rev. counter

G21 Speedometer

J119 Multifunction indicator

J285 Control unit in dash panel insert

K Dash panel insert

K2 Alternator warning lamp

T32a 32-pin connector

375 Earth connection 10, in main wiring harness

B340 Connection 1 (58d), in main wiring harness

* Only models with operating unit for radio

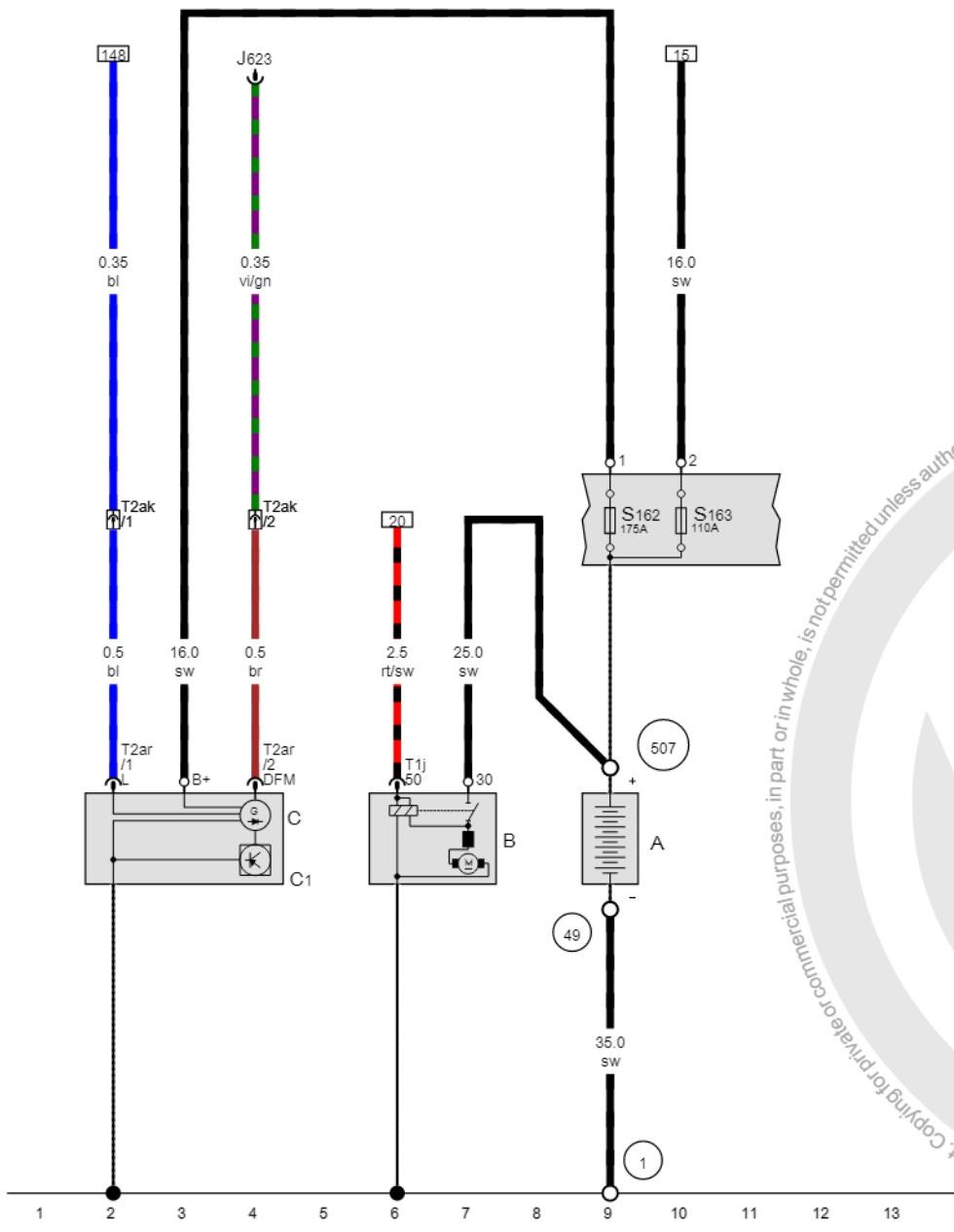
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Dual headlight

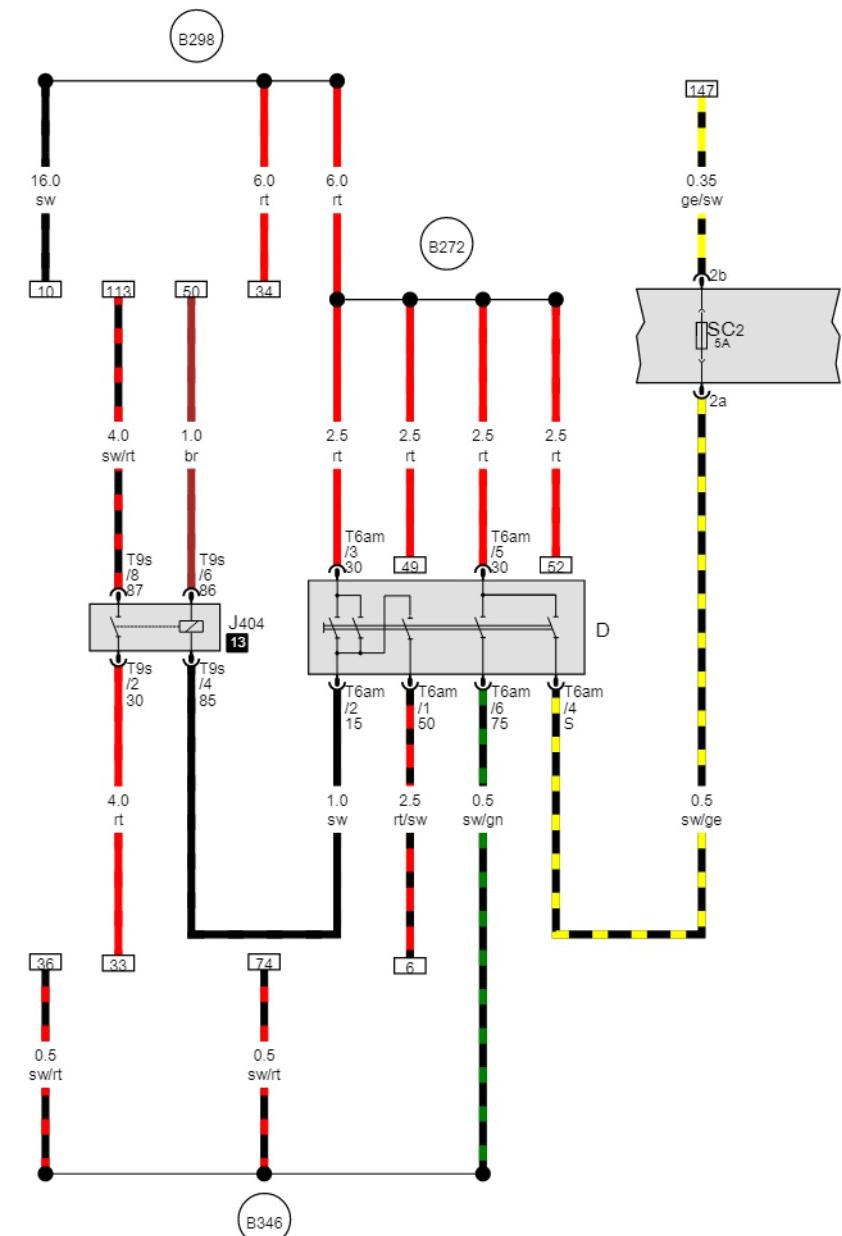
From April 2012



Battery, Starter, Alternator, Voltage regulator



Copyright by Volkswagen AG. Volkswagen
does not guarantee or accept any liability with respect to the correctness of information in this document. Copying for private purposes, in part or in whole, is not permitted unless authorised by Volkswagen AG.


Ignition/starter switch, Terminal 15 relief relay

D Ignition/starter switch

J404 Terminal 15 relief relay

SC2 Fuse 2 on fuse holder C

T6am 6-pin connector

T9s 9-pin connector

B272 Positive connection (30), in main wiring harness

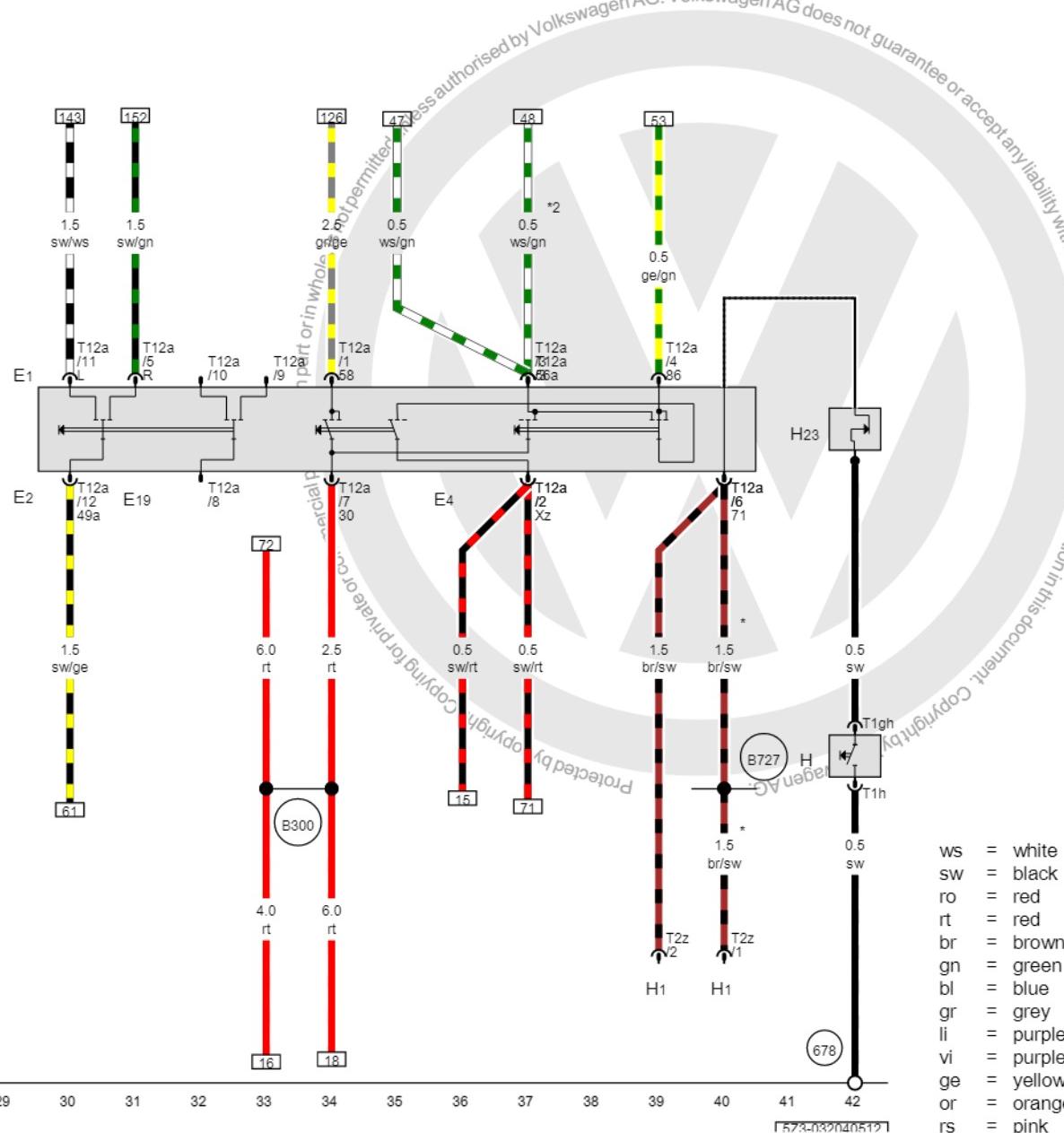
B298 Positive connection 2 (30), in main wiring harness

B346 Connection 1 (75), in main wiring harness

Protected by copyright. Copying for private commercial purposes, in part or in whole, is not permitted unless authorised by Volkswagen AG.

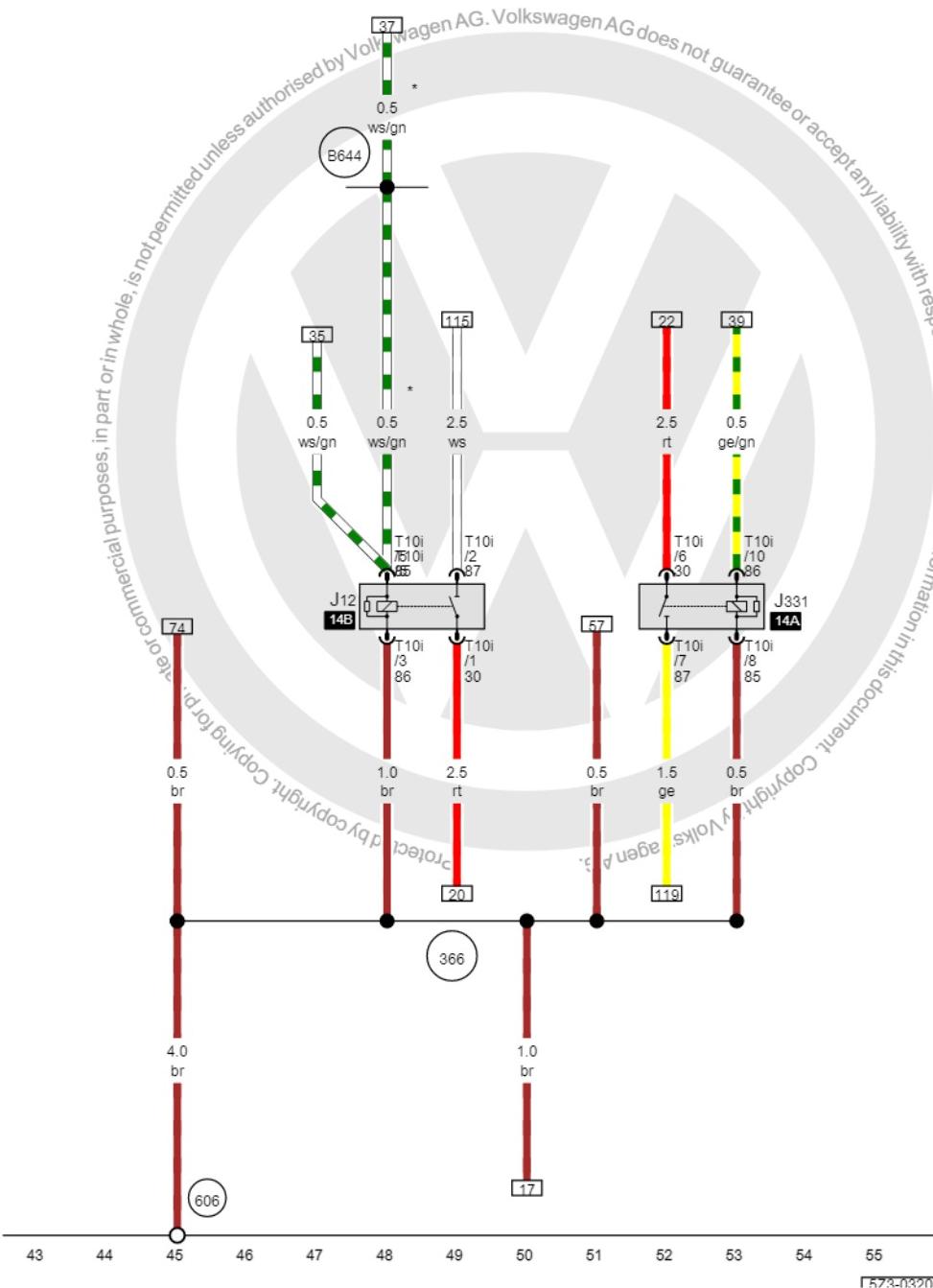
ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

Light switch, Turn signal switch, Headlight dipper and flasher switch, Parking light switch, Horn plate, Horn activation contact ring



- | | |
|--|--|
| E1 | Light switch |
| E2 | Turn signal switch |
| E4 | Headlight dipper and flasher switch |
| E19 | Parking light switch |
| H | Horn plate |
| H1 | Horn or dual tone horn |
| H23 | Horn activation contact ring |
| T1gh | Single connector |
| T1h | Single connector |
| T2z | 2-pin connector |
| T12a | 12-pin connector |
|  678 | Earth point, on steering wheel |
|  B300 | Positive connection 4 (30), in main wiring harness |
|  B727 | Connection (71a), in main wiring harness |
| *
*2 | Only models with multifunction steering wheel
Only CROSS models |

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink



J12 Headlight main beam relay
 J331 Dipped beam relay
 T10i 10-pin connector

366 Earth connection 1, in main wiring harness

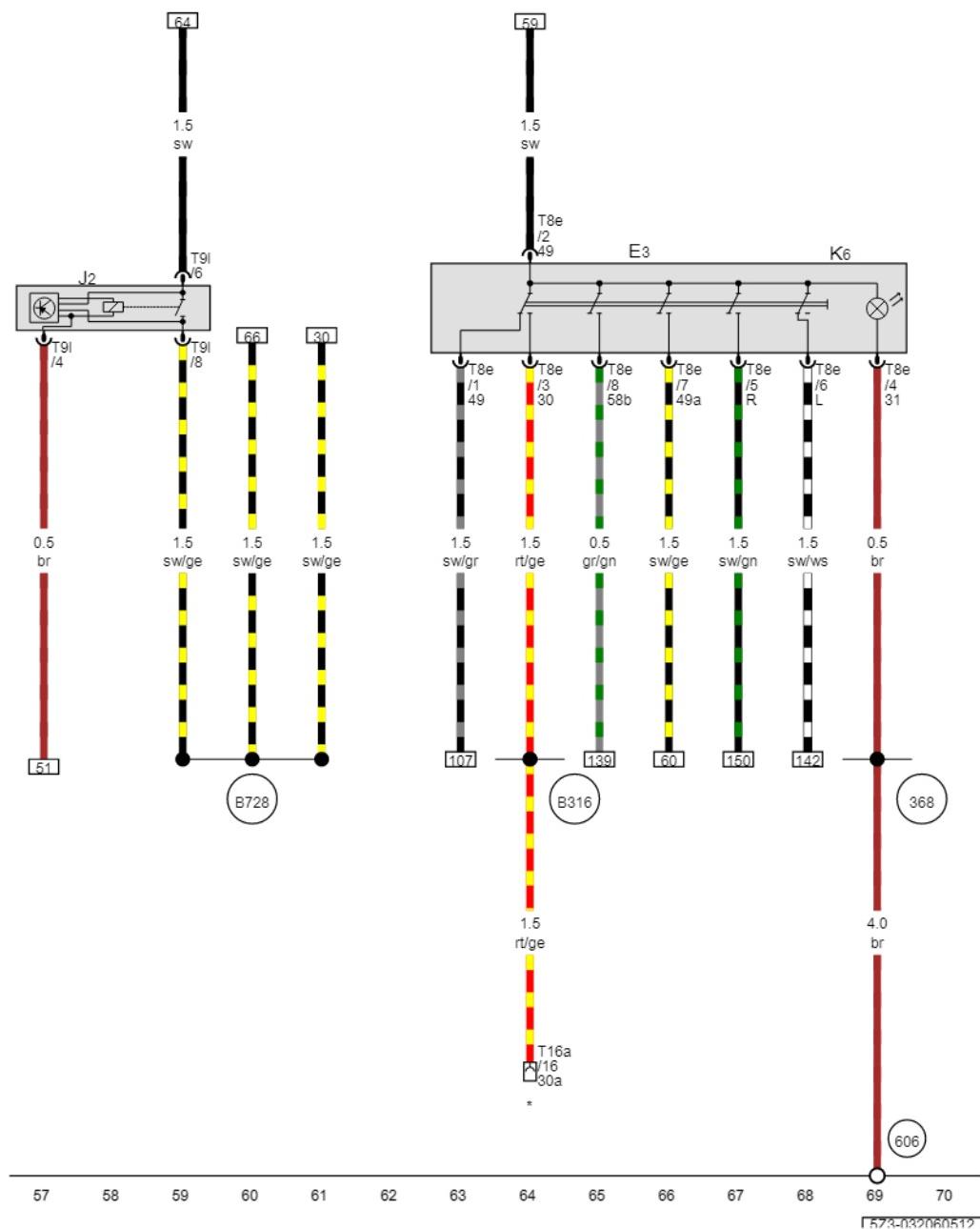
606 Earth point, under the centre console near gear stick

B644 Connection 3 (56a), in main wiring harness

* Only CROSS models

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

Hazard warning light switch, Hazard warning light relay,
Indicator lamp for hazard warning light



E3 Hazard warning light switch
J2 Hazard warning light relay
K6 Indicator lamp for hazard warning light
T8e 8-pin connector
T9l 9-pin connector
T16a 16-pin connector

368 Earth connection 3, in main wiring harness

606 Earth point, under the centre console near gear stick

B316 Positive connection 2 (30a) in main wiring harness

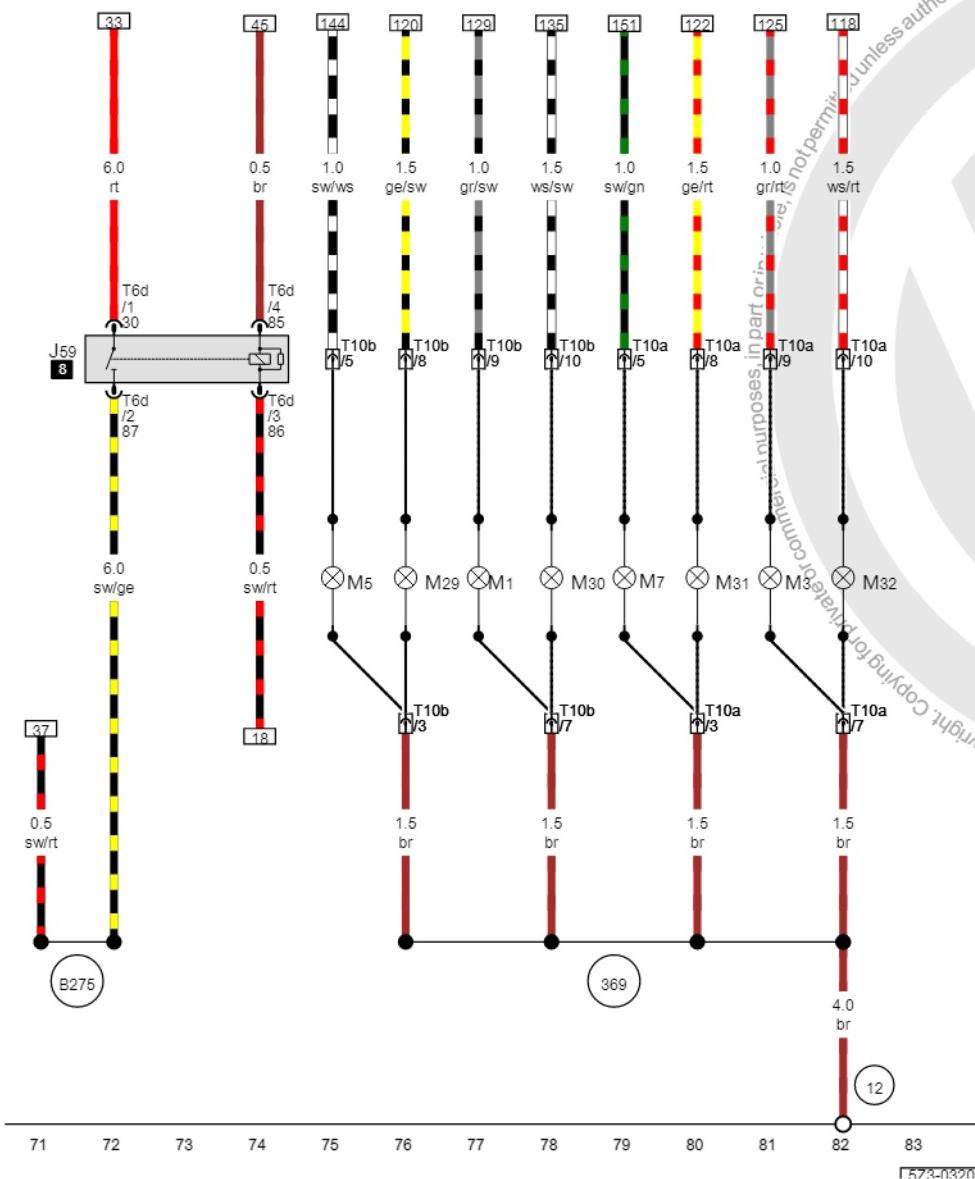
B728 Connection (49a), in main wiring harness

* Diagnostic connection

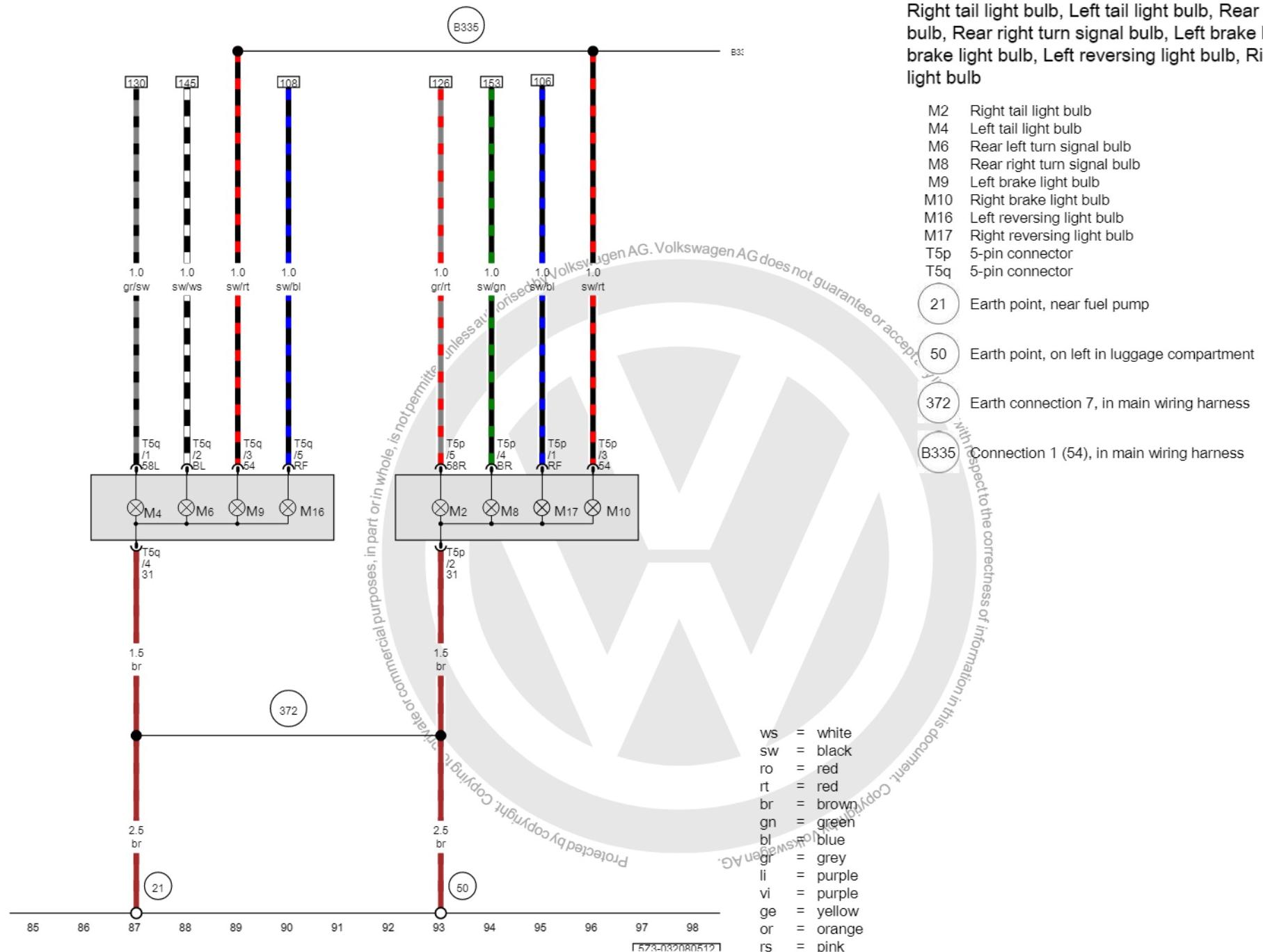
Protected by copyright. Volkswagen AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copying or commercial purposes, in part or in whole, is not permitted unless authorised.

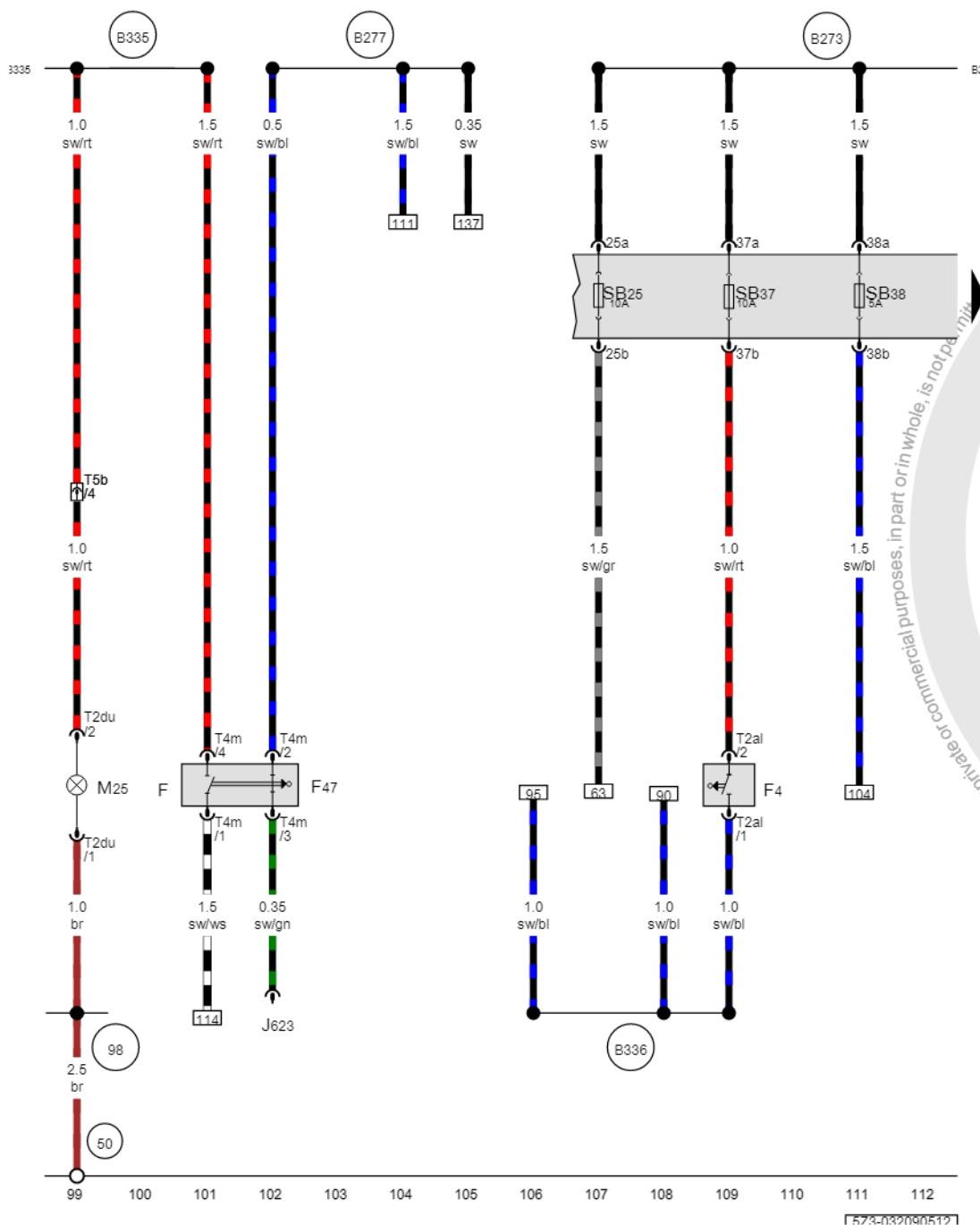
ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

X-contact relief relay, Left side light bulb, Right side light bulb, Front left turn signal bulb, Front right turn signal bulb, Left headlight dipped beam bulb, Left headlight main beam bulb, Right headlight dipped beam bulb, Right headlight main beam bulb



ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink





Brake light switch, Reversing light switch, Brake pedal switch, Additional brake light bulb

- F Brake light switch
- F4 Reversing light switch
- F47 Brake pedal switch
- J623 Engine control unit
- M25 Additional brake light bulb
- SB25 Fuse 25 on fuse holder B
- SB37 Fuse 37 on fuse holder B
- SB38 Fuse 38 on fuse holder B
- T2al 2-pin connector
- T2du 2-pin connector
- T4m 4-pin connector
- T5b 5-pin connector

(50)

Earth point, on left in luggage compartment

(98)

Earth connection, in rear lid wiring harness

(B273)

Positive connection (15), in main wiring harness

(B277)

Positive connection 1 (15a) in main wiring harness

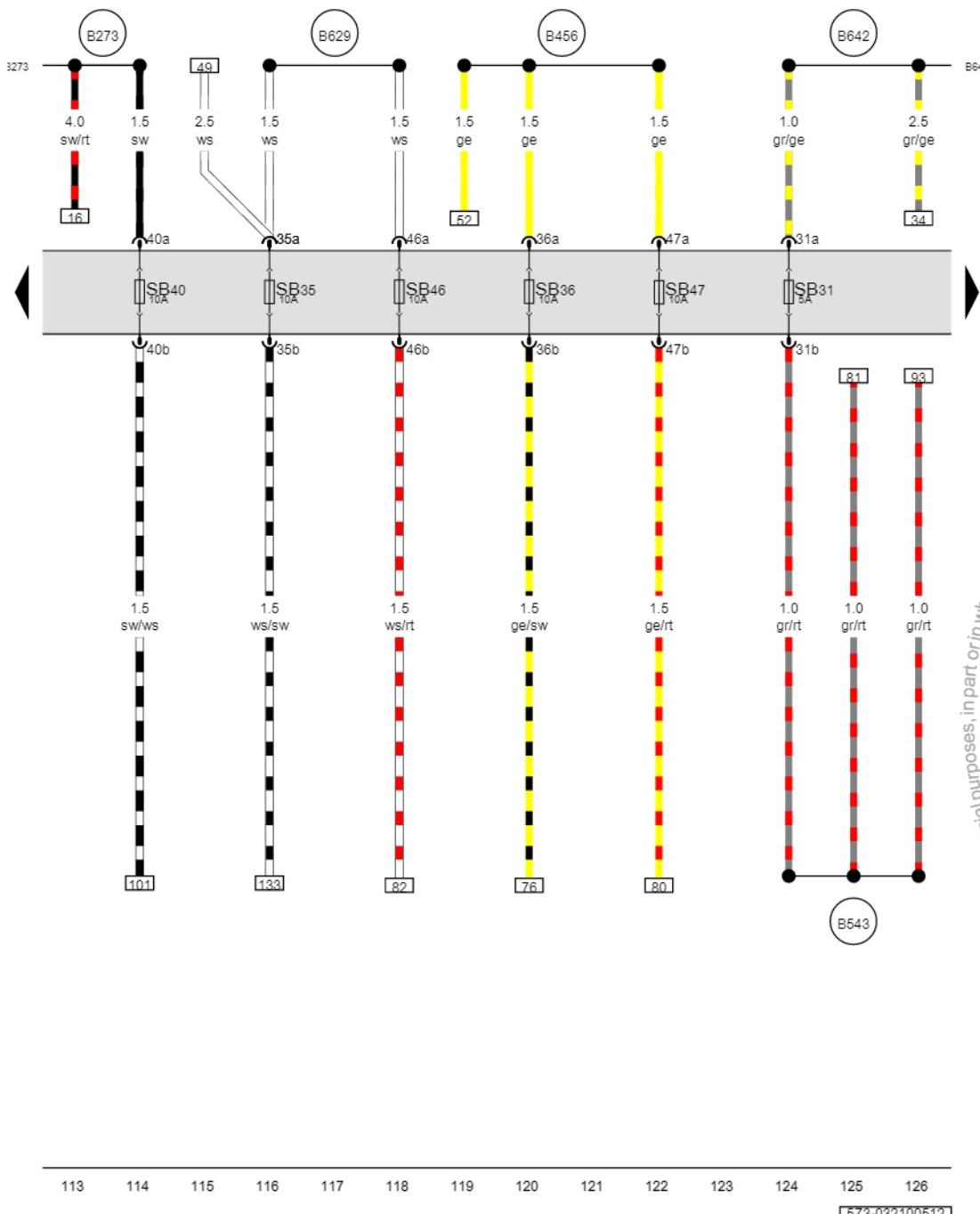
(B335)

Connection 1 (54), in main wiring harness

(B336)

Connection 2 (54), in main wiring harness

Protected by Copyright. Copying or printing of commercial purposes, in part or in whole, is not permitted.



Fuse 31 on fuse holder B, Fuse 35 on fuse holder B, Fuse 36 on fuse holder B, Fuse 40 on fuse holder B, Fuse 46 on fuse holder B, Fuse 47 on fuse holder B

- SB31 Fuse 31 on fuse holder B
- SB35 Fuse 35 on fuse holder B
- SB36 Fuse 36 on fuse holder B
- SB40 Fuse 40 on fuse holder B
- SB46 Fuse 46 on fuse holder B
- SB47 Fuse 47 on fuse holder B

B273 Positive connection (15), in main wiring harness

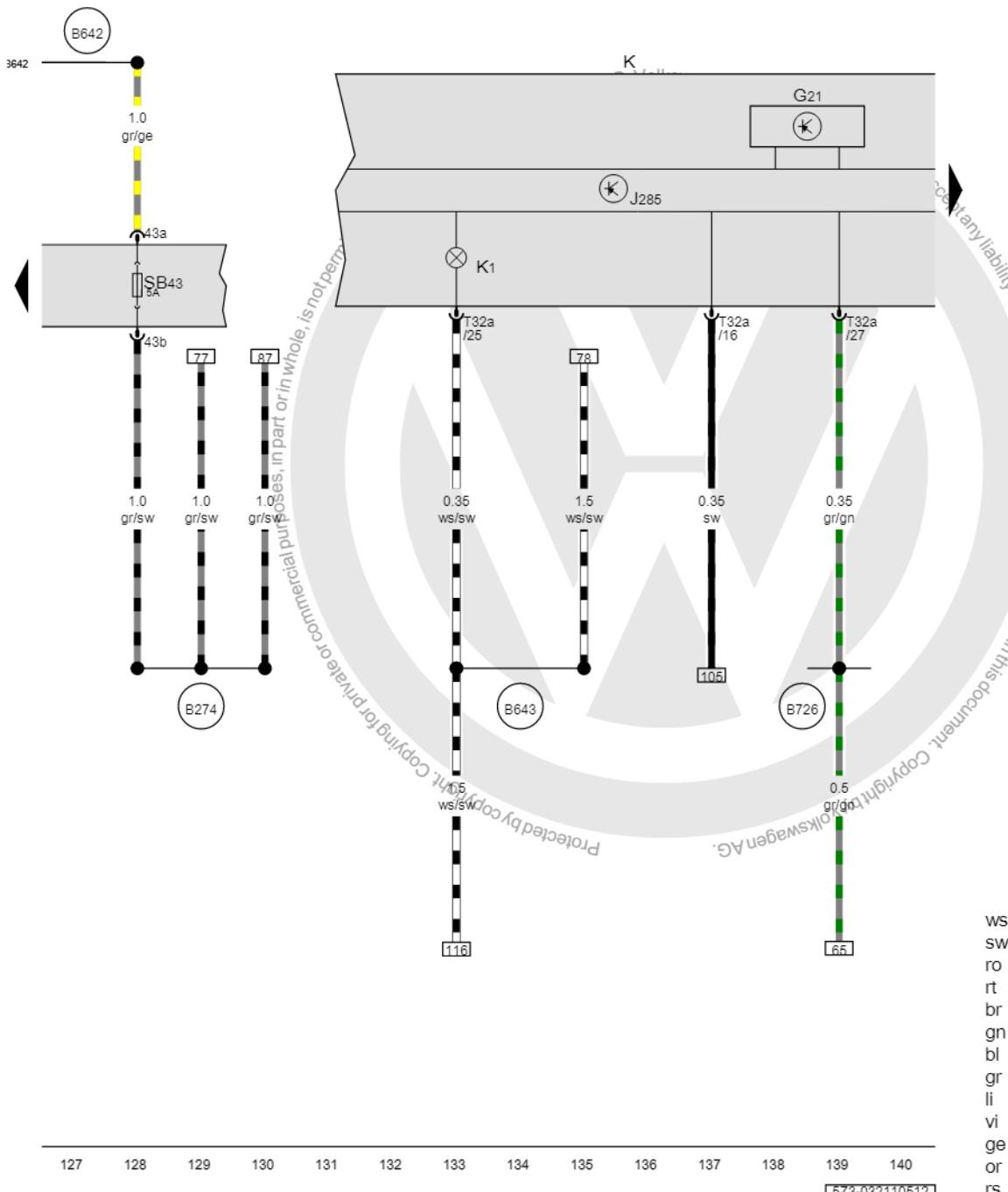
B456 Connection (56b), in main wiring harness

B543 Positive connection (58R), in main wiring harness

B629 Connection (56a), in main wiring harness

B642 Positive connection (58), in main wiring harness

= white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



Speedometer, Control unit in dash panel insert, Dash panel insert, Main beam warning lamp

- G21 Speedometer
- J285 Control unit in dash panel insert
- K Dash panel insert
- K1 Main beam warning lamp
- SB43 Fuse 43 on fuse holder B
- T32a 32-pin connector
- B274 Positive connection (58L), in main wiring harness
- B642 Positive connection (58), in main wiring harness
- B643 Connection 2 (56a), in main wiring harness
- B726 Positive connection 2 (58), in main wiring harness

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Rev. counter, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp, Left turn signal warning lamp, Right turn signal warning lamp

G5 Rev. counter

J285 Control unit in dash panel insert

K Dash panel insert

K2 Alternator warning lamp

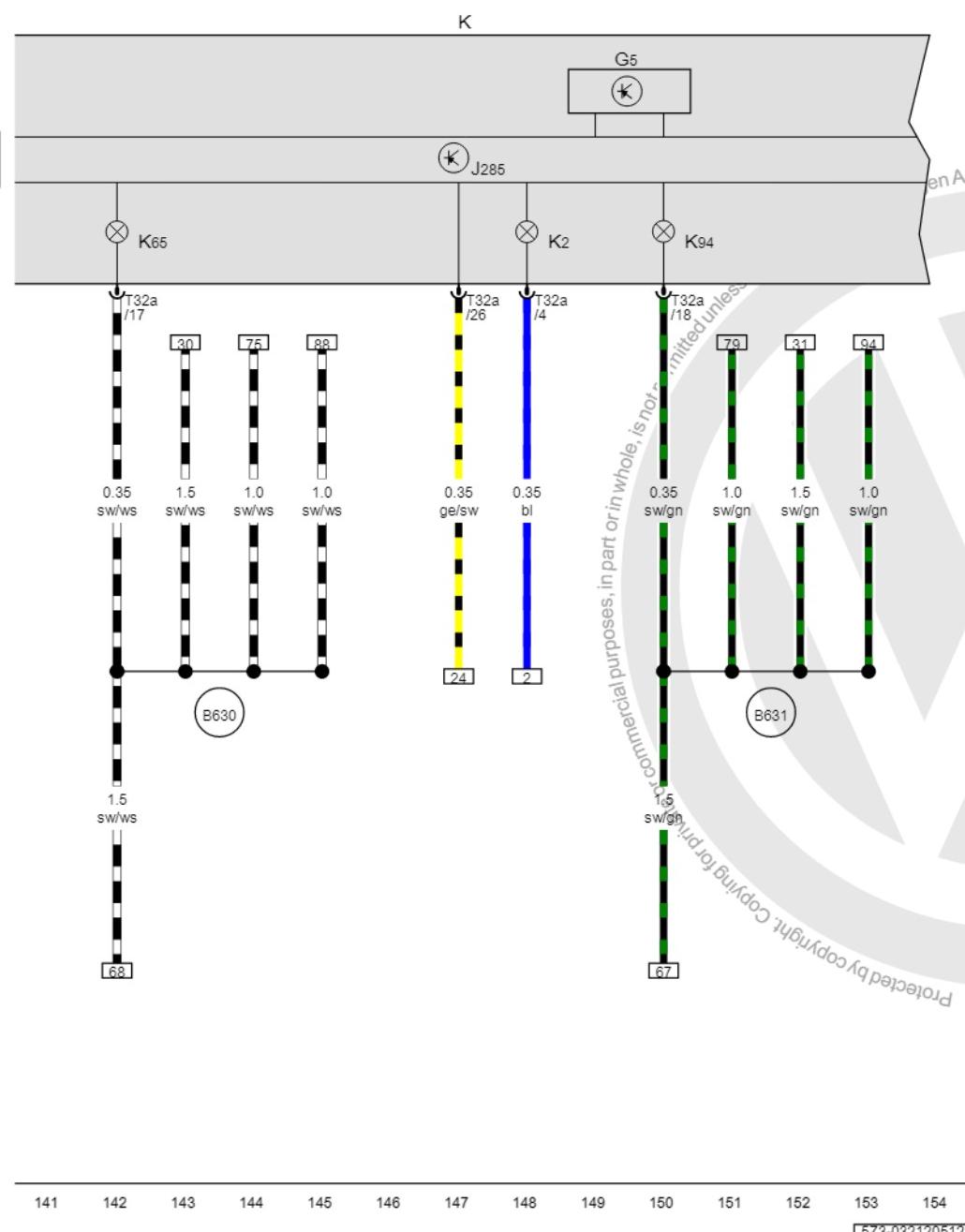
K65 Left turn signal warning lamp

K94 Right turn signal warning lamp

T32a 32-pin connector

B630 Positive connection (left turn signal bulb), in main wiring harness

B631 Positive connection (right turn signal bulb), in main wiring harness



ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

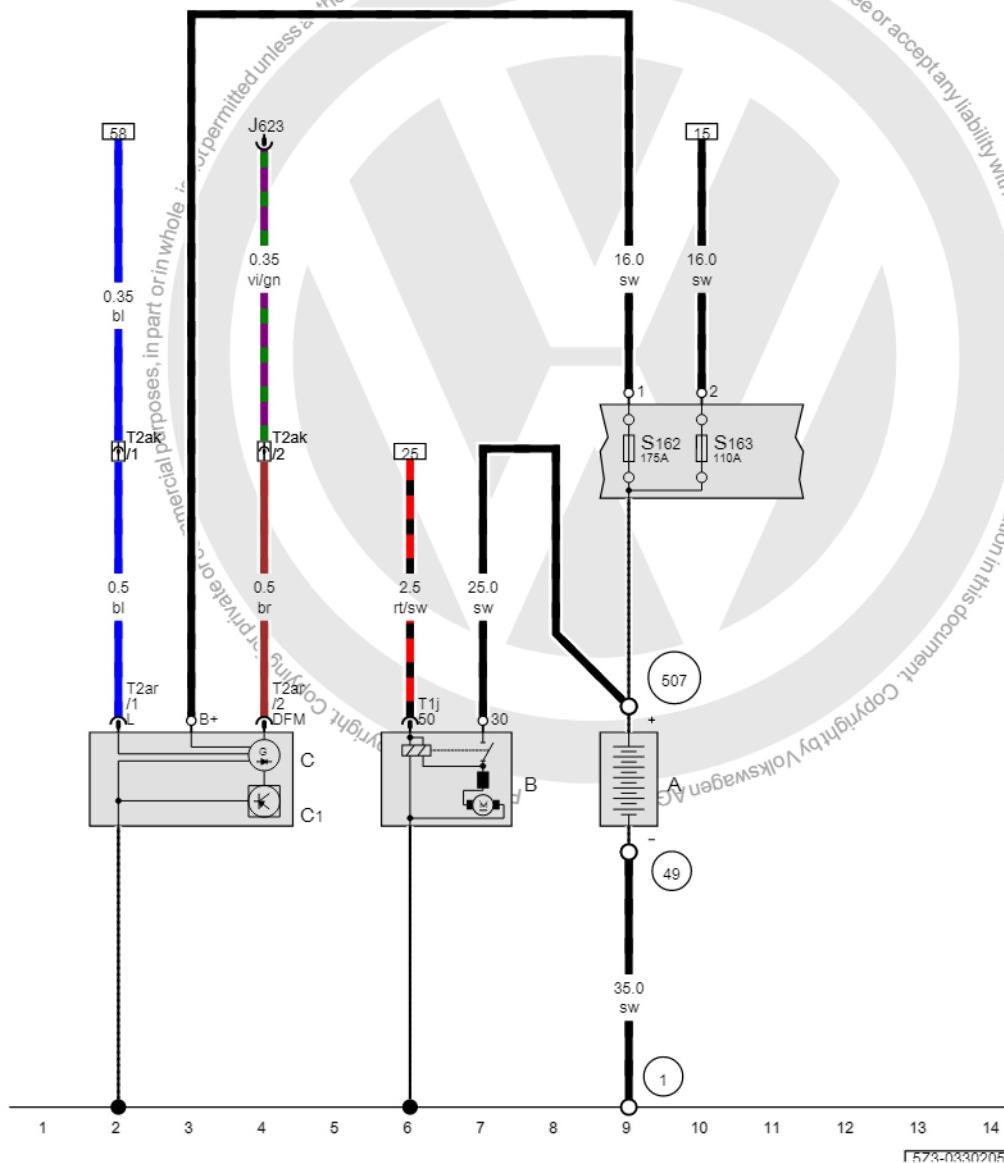
141 142 143 144 145 146 147 148 149 150 151 152 153 154

Parking aid (PDC)

From April 2012



Battery, Starter, Alternator, Voltage regulator



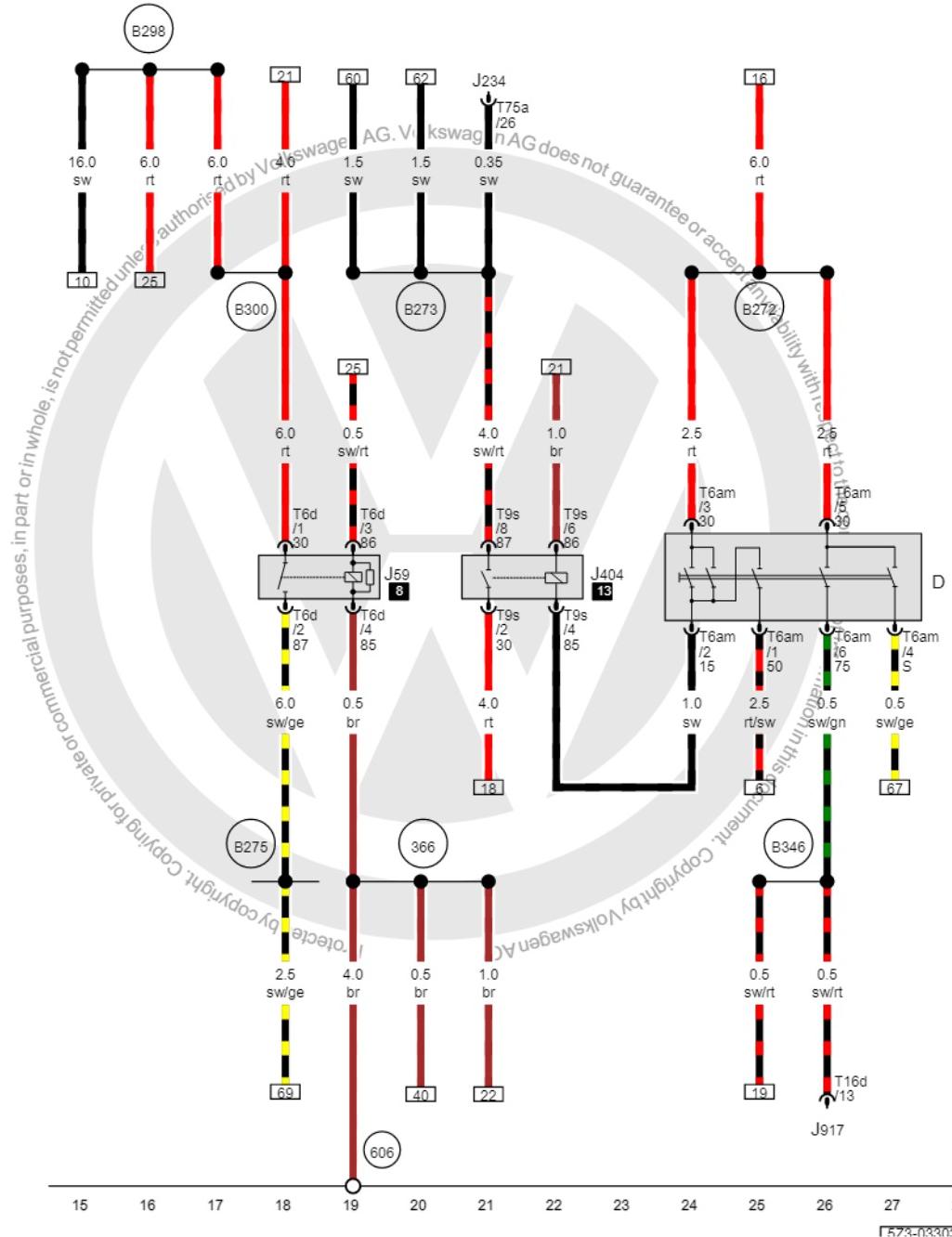
ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector, in engine compartment
- T2ar 2-pin connector

1 Earth strap, battery - body

49 Earth point, near, near battery

507 Threaded connection (30), on battery fuse holder

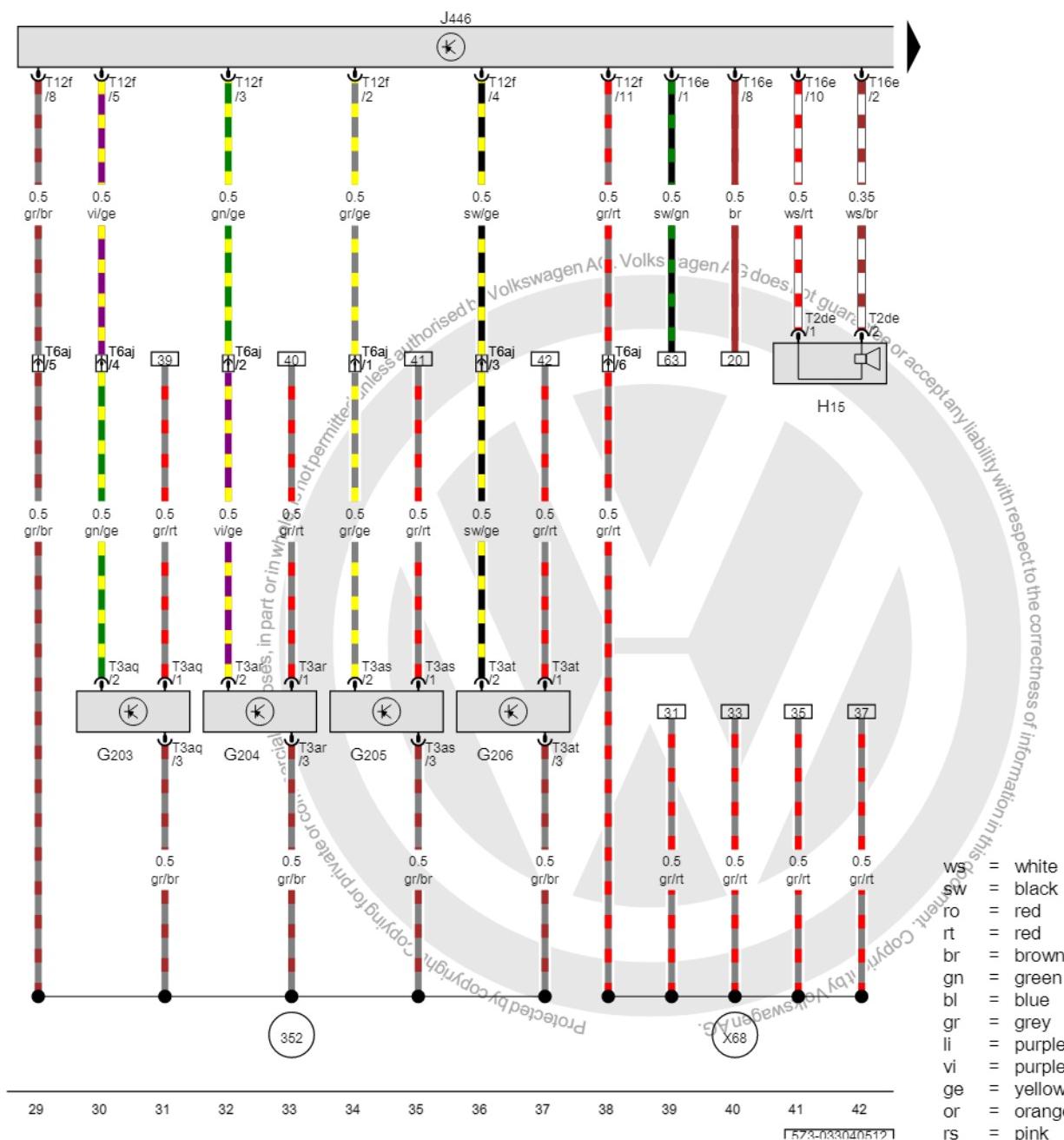


Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay

D Ignition/starter switch
 J59 X-contact relief relay
 J234 Airbag control unit
 J404 Terminal 15 relief relay
 J917 Control unit for lighting and wiper functions
 T6am 6-pin connector
 T6d 6-pin connector
 T9s 9-pin connector
 T16d 16-pin connector
 T75a 75-pin connector

366 Earth connection 1, in main wiring harness
 606 Earth point, under the centre console near gear stick
 B272 Positive connection (30), in main wiring harness
 B273 Positive connection (15), in main wiring harness
 B275 Positive connection (87), in main wiring harness
 B298 Positive connection 2 (30), in main wiring harness
 B300 Positive connection 4 (30), in main wiring harness
 B346 Connection 1 (75), in main wiring harness

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



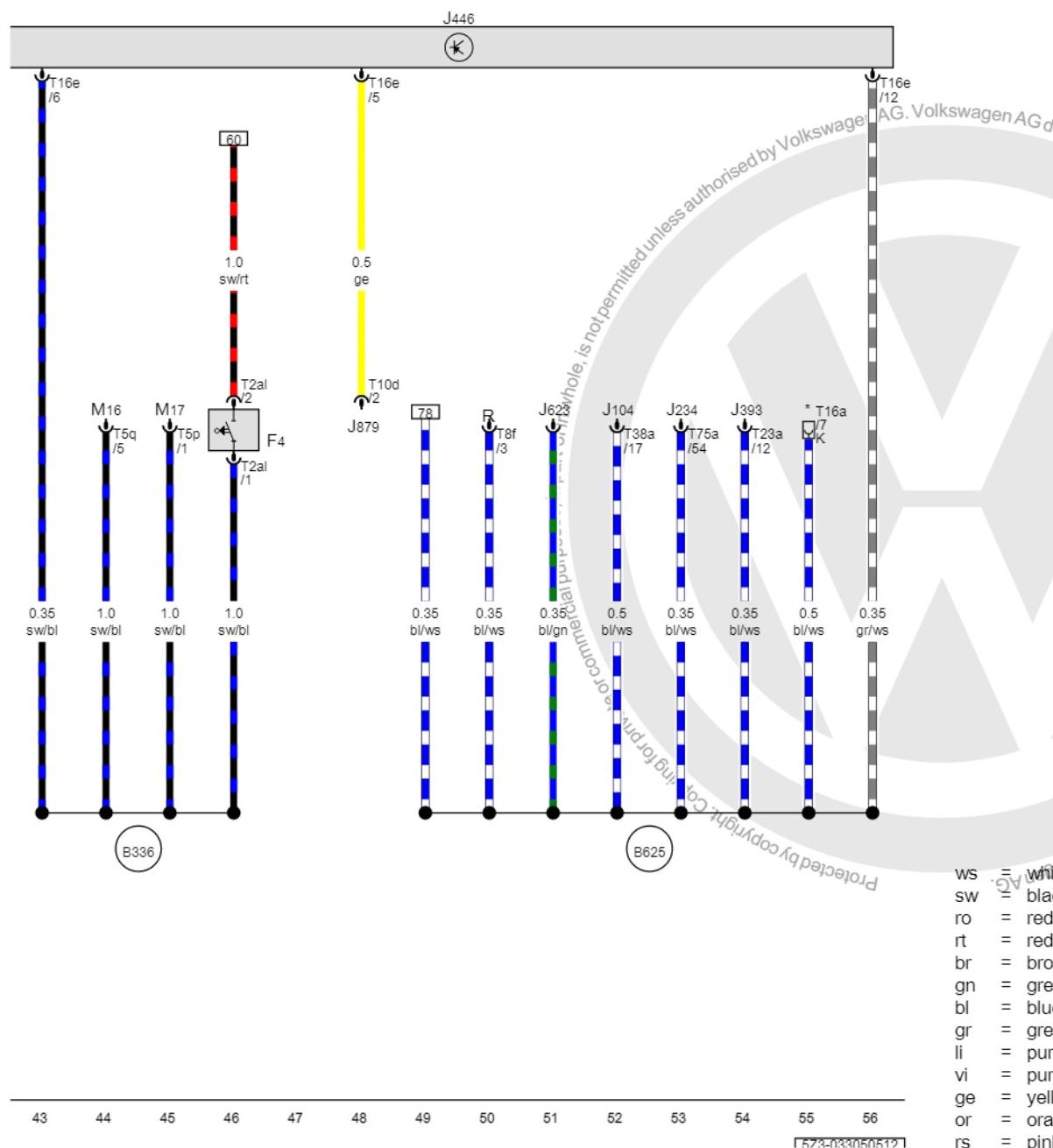
Rear left parking aid sender, Rear centre left parking aid sender, Rear centre right parking aid sender, Rear parking aid warning buzzer, Parking aid control unit

- G203 Rear left parking aid sender
 - G204 Rear centre left parking aid sender
 - G205 Rear centre right parking aid sender
 - G206 Rear right parking aid sender
 - H15 Rear parking aid warning buzzer
 - J446 Parking aid control unit
 - T2de 2-pin connector
 - T3aq 3-pin connector
 - T3ar 3-pin connector
 - T3as 3-pin connector
 - T3at 3-pin connector
 - T6aj 6-pin connector, behind rear bumper on left
 - T12f 12-pin connector
 - T16e 16-pin connector
 - 352** Earth connection (parking aid), in rear bumper wiring harness
 - X68** Positive connection (parking aid), in rear bumper wiring harness

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= violet
ge	= yellow
or	= orange
rs	= pink

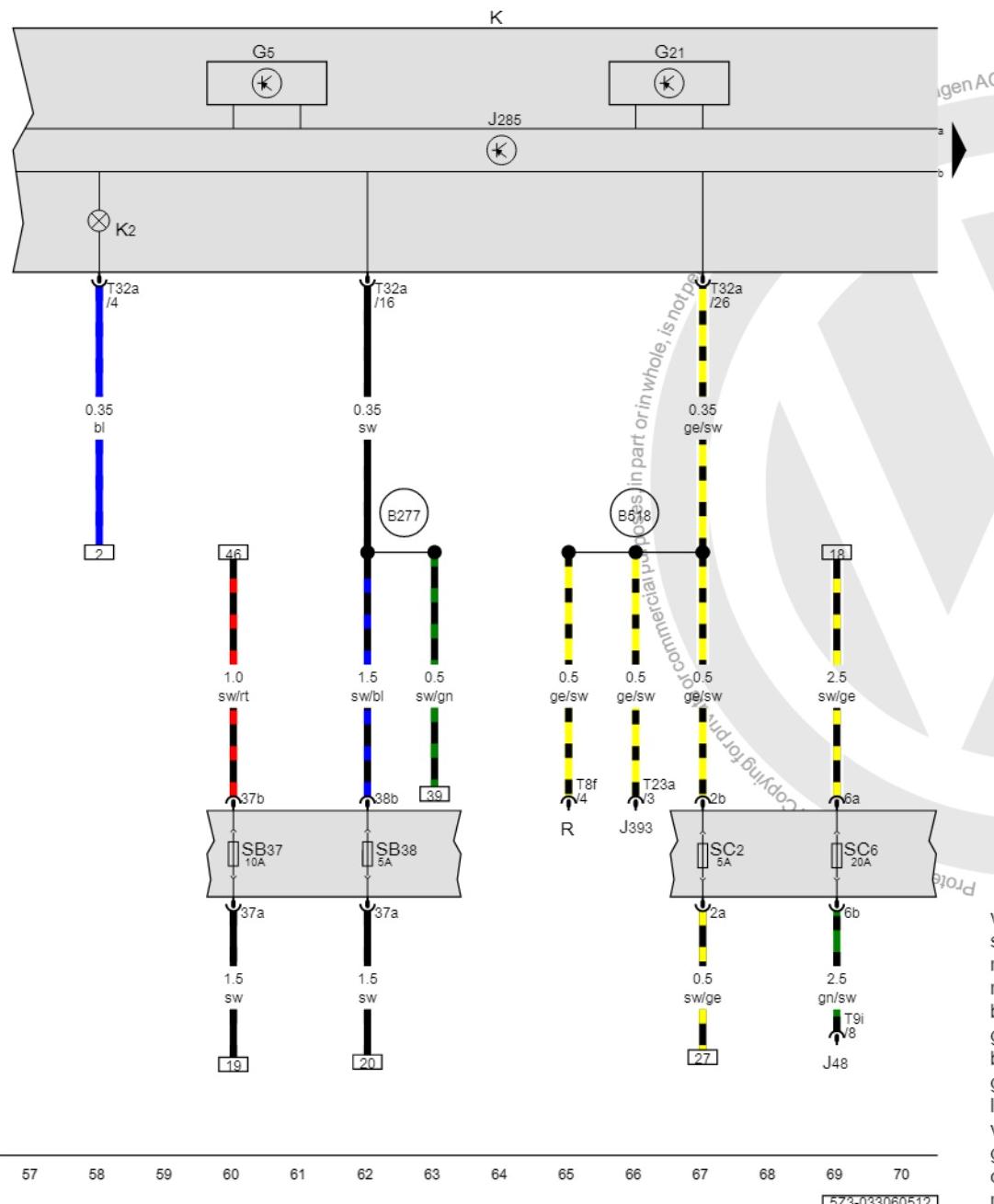
Reversing light switch, Parking aid control unit

- F4 Reversing light switch
 J104 ABS control unit
 J234 Airbag control unit
 J393 Convenience system central control unit
 J446 Parking aid control unit
 J623 Engine control unit
 J879 Control unit for interactive system
 M16 Left reversing light bulb
 M17 Right reversing light bulb
 R Radio
 T2al 2-pin connector
 T5p 5-pin connector
 T5q 5-pin connector
 T8f 8-pin connector
 T10d 10-pin connector
 T16a 16-pin connector, on diagnostic connection
 T16e 16-pin connector
 T23a 23-pin connector
 T38a 38-pin connector
 T75a 75-pin connector
 (B336) Connection 2(54), in main wiring harness
 (B625) Connection (K-diagnosis wire), in main wiring harness
 * Diagnostic connection



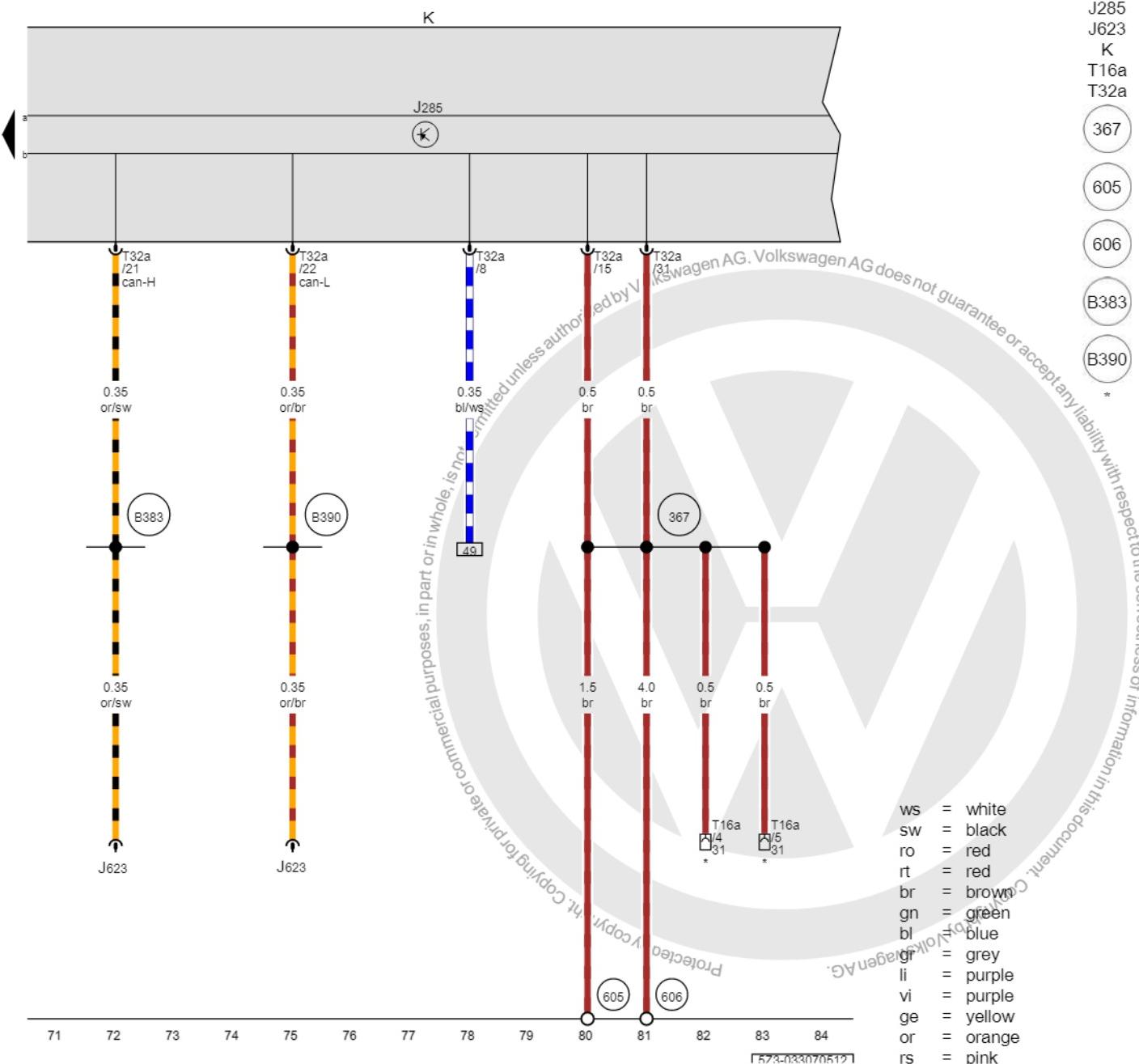
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp



- G5 Rev. counter
 G21 Speedometer
 J285 Heated rear window control relay
 J285 Control unit in dash panel insert
 J393 Convenience system central control unit
 K Dash panel insert
 K2 Alternator warning lamp
 R Radio
 SC2 Fuse 2 on fuse holder C
 SC6 Fuse 6 on fuse holder C
 SB37 Fuse 37 on fuse holder B
 SB38 Fuse 38 on fuse holder B
 T8f 8-pin connector
 T9i 9-pin connector
 T23a 23-pin connector
 T32a 32-pin connector
 (B277) Positive connection 1(15a) in main wiring harness
 (B518) Connection (86s), in main wiring harness

Control unit in dash panel insert, Dash panel insert



J285 Control unit in dash panel insert

J285 Control unit in dash panel insert

J623 Engine control unit

K Dash panel insert

T16a 16-pin connector
T20a 20-pin connector

367 Earth connection 2, in main wiring harness

605 Earth point on top end of steering column

606 Earth point, under the centre console near gear stick

R383 Connection 1 (powertrain CAN bus, high), in main wiring harness

R200 Connection 1 (powertrain CAN bus, J1939) in main wiring harness

Diagnostic connection

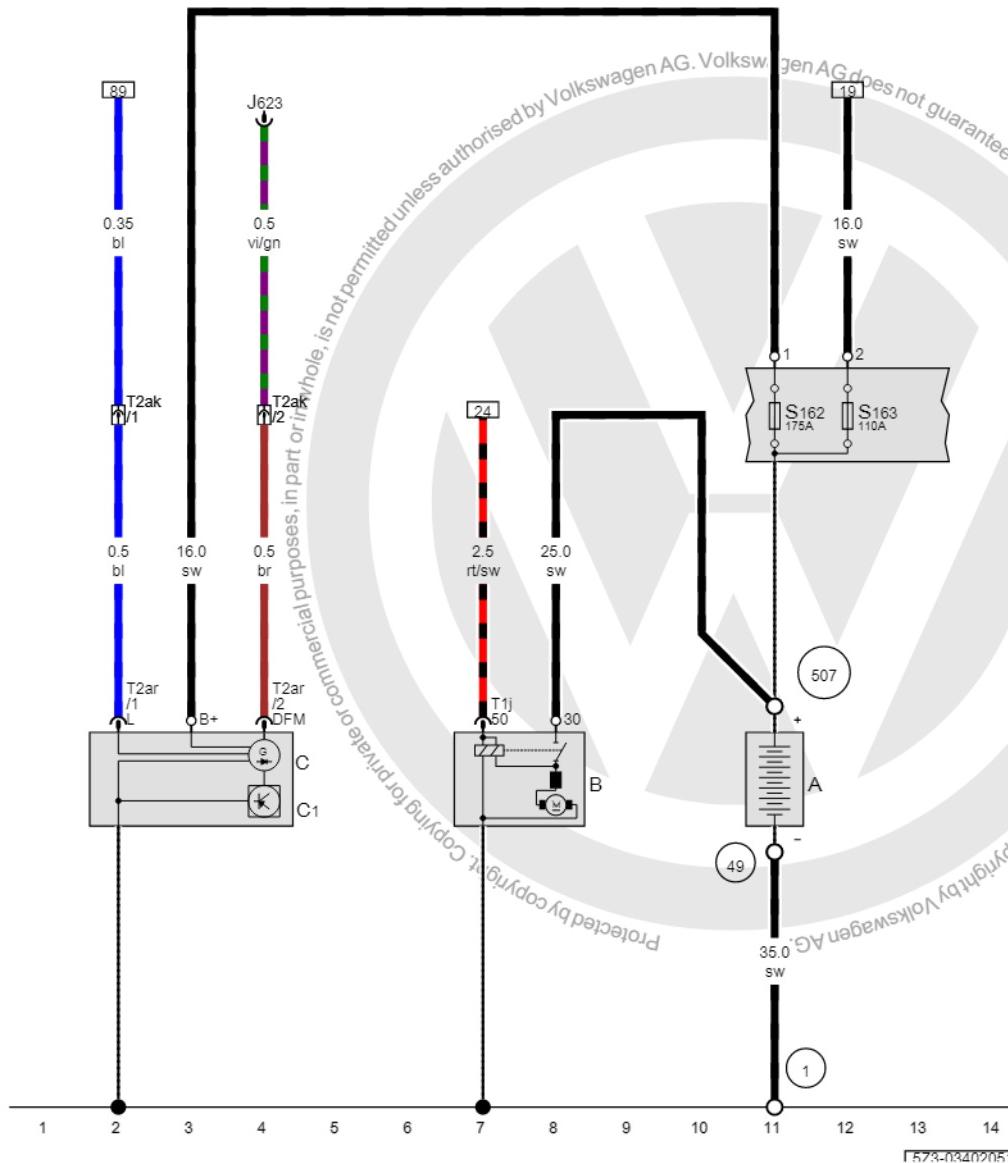
ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

Window wash/wipe system and heated rear window

From April 2012



Battery, Starter, Alternator, Voltage regulator



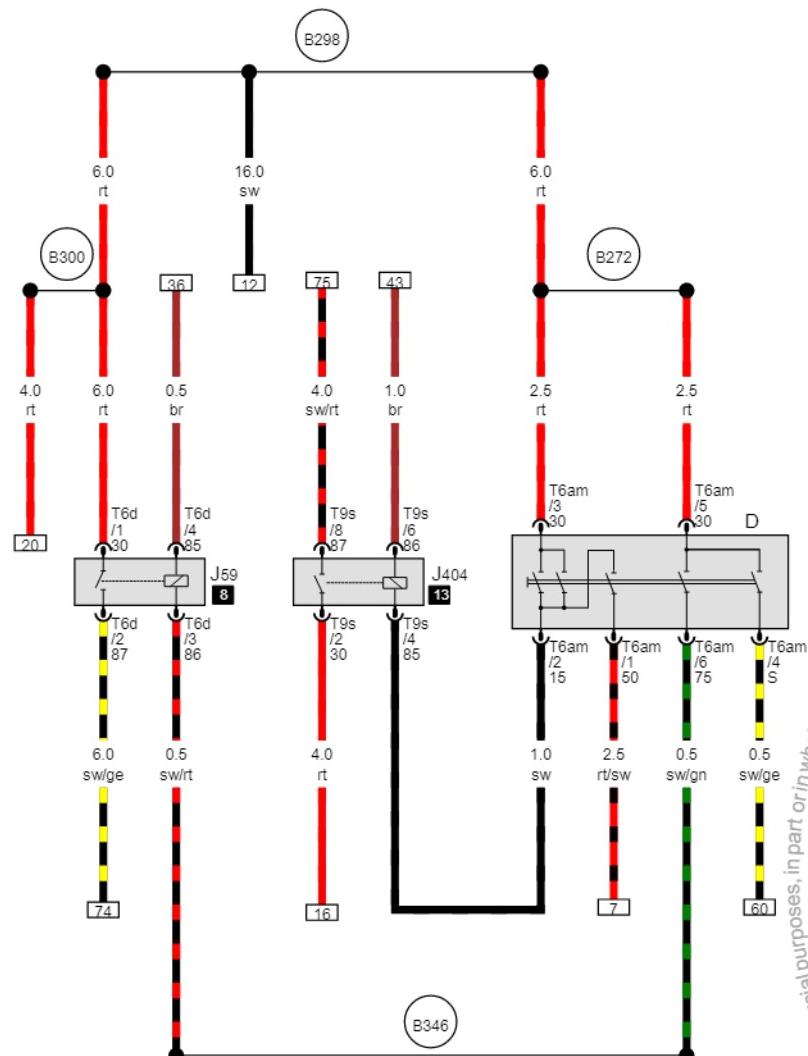
ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector, on left in engine compartment
- T2ar 2-pin connector

1 Earth strap, battery - body

49 Earth point, near ..., near battery

507 Threaded connection (30), on battery fuse holder



Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay

D Ignition/starter switch
J59 X-contact relief relay
J404 Terminal 15 relief relay
T6am 6-pin connector
T6d 6-pin connector
T9s 9-pin connector

B272 Positive connection (30), in main wiring harness

B298 Positive connection 2 (30), in main wiring harness

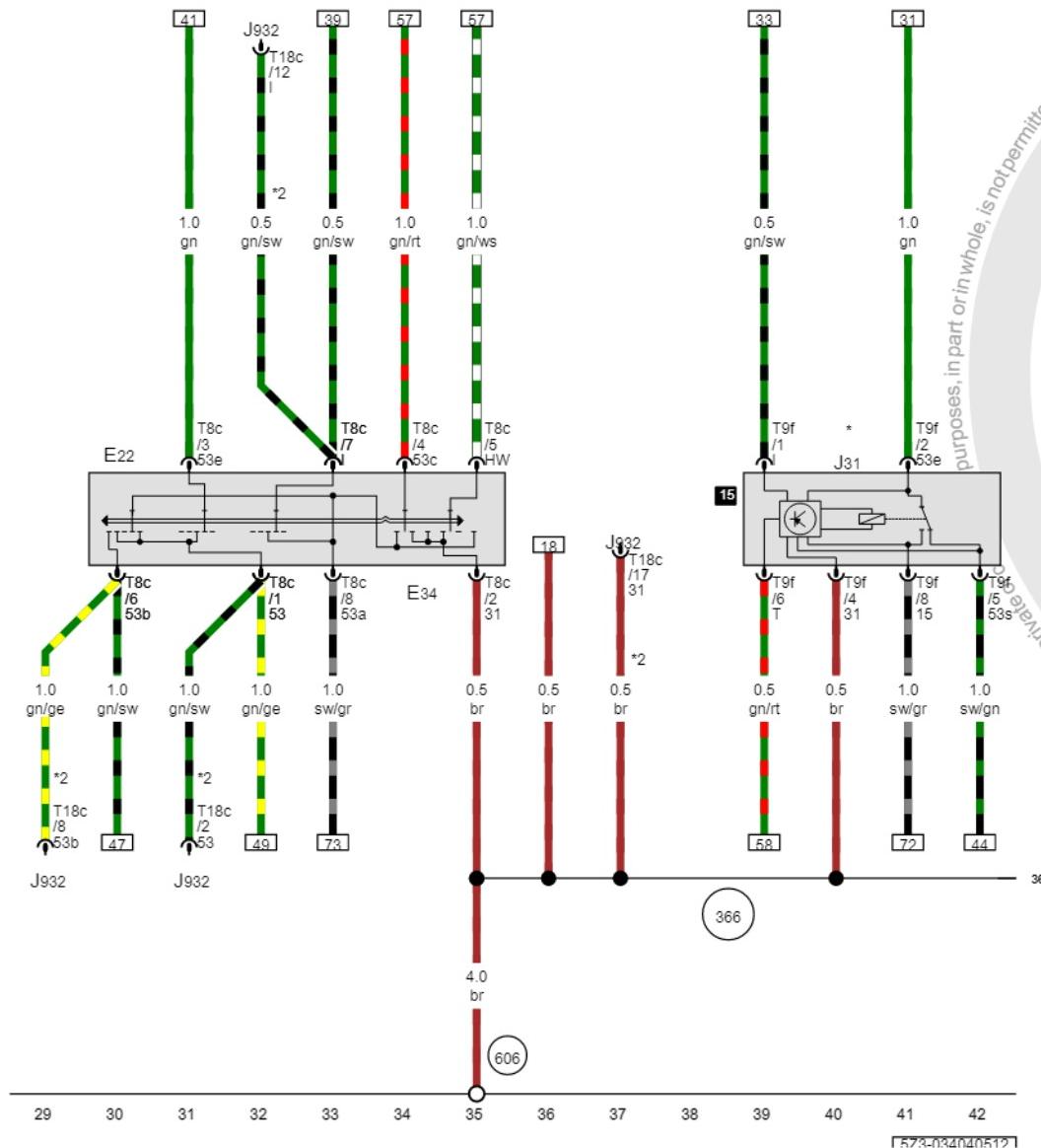
B300 Positive connection 4 (30), in main wiring harness

B346 Connection 1 (75), in main wiring harness

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = purple
or = yellow
rs = orange
rs = pink

Copyright by Volkswagen AG.
This document, Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by Volkswagen AG. Volkswagen AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copying by Volkswagen AG.

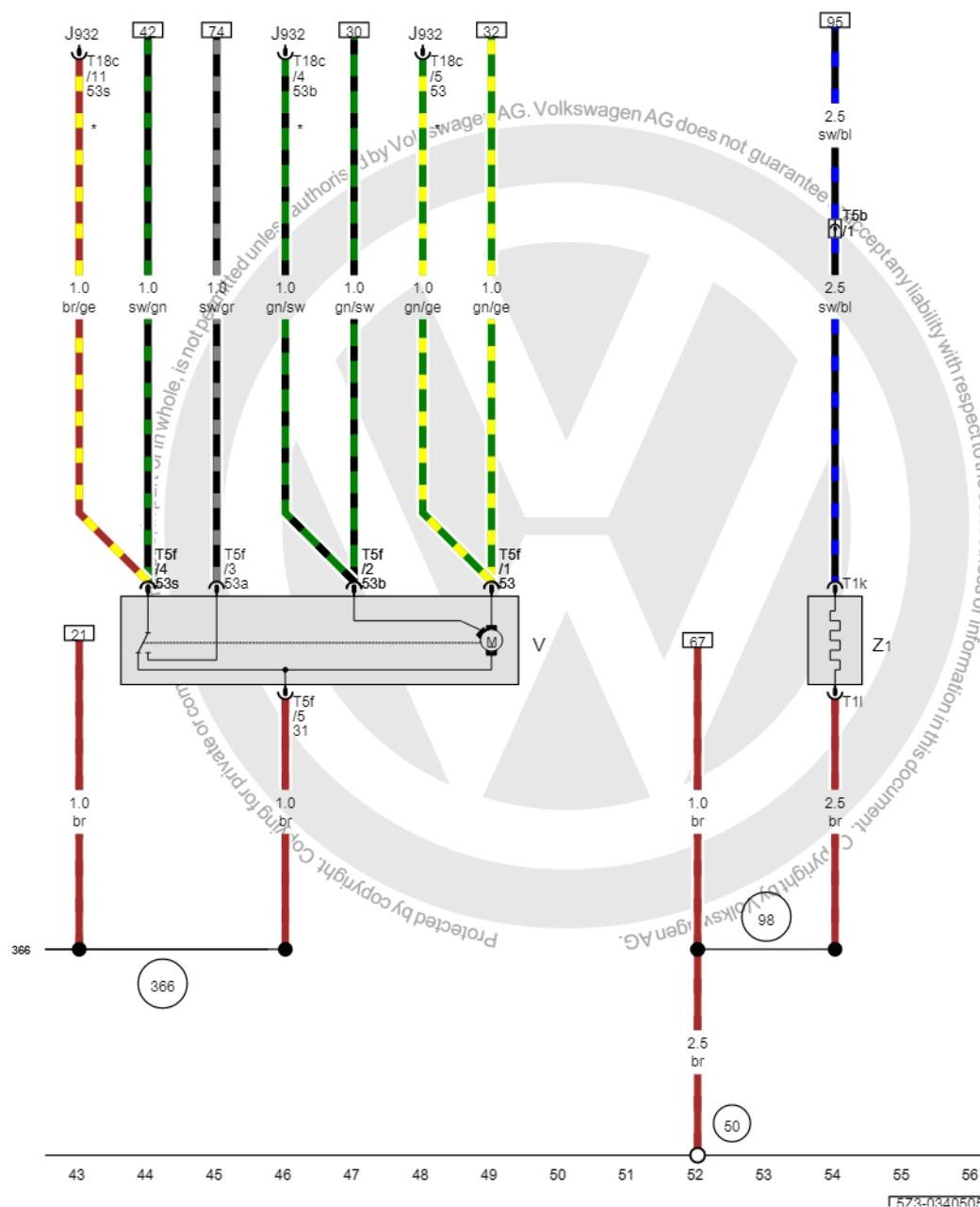
Intermittent wiper switch, Rear wiper switch, Automatic intermittent wash and wipe relay



- E22 Intermittent wiper switch
- E34 Rear wiper switch
- J31 Automatic intermittent wash and wipe relay
- J932 Automatic intermittent wash and wipe control unit
- T8c 8-pin connector
- T9f 9-pin connector
- T18c 18-pin connector

- 366 Earth connection 1, in main wiring harness
- 606 Earth point, under the centre console near gear stick
- * Only models with no rain and light sensor
- *² Only models with rain and light sensor

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



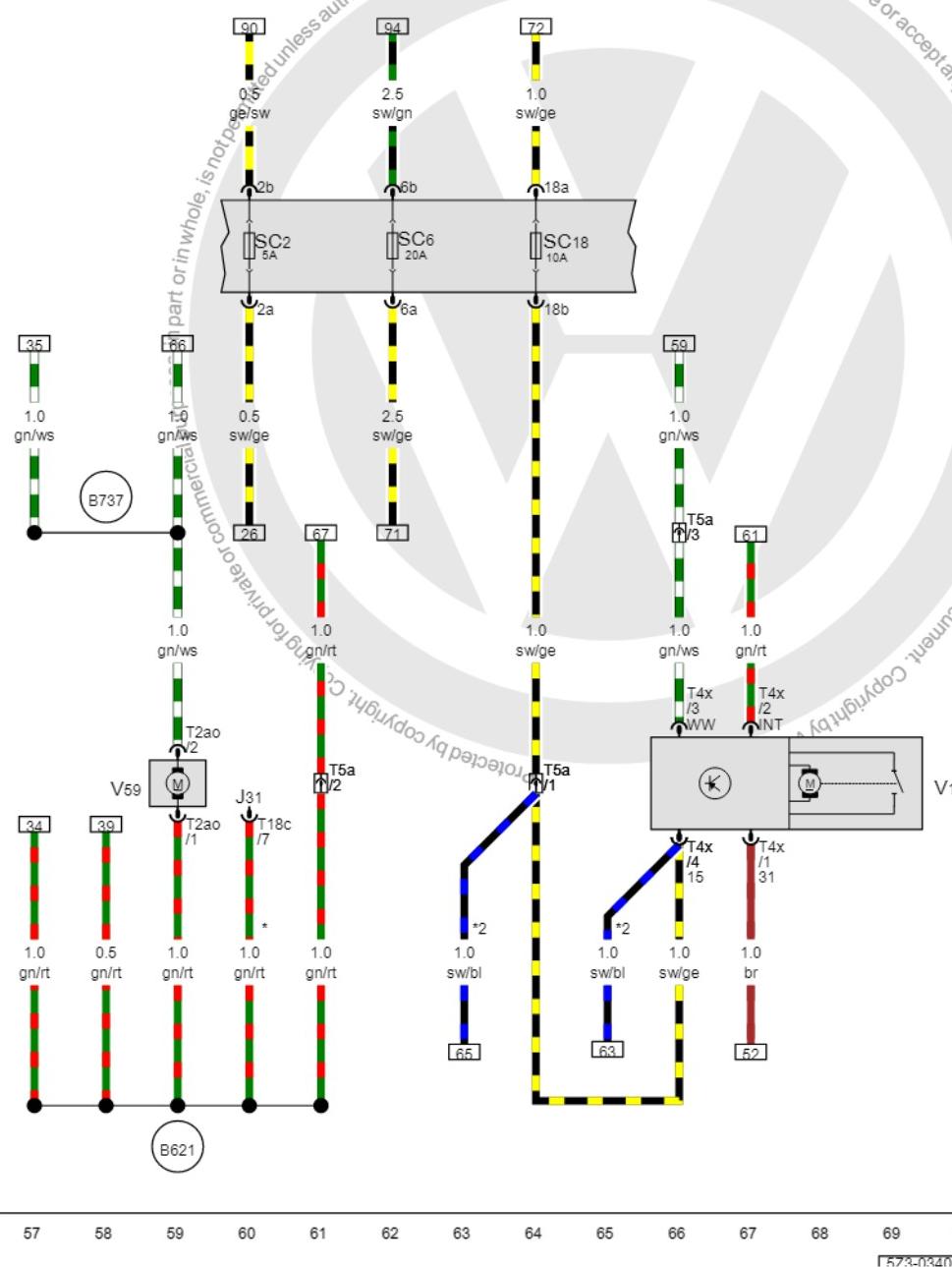
Windscreen wiper motor, Heated rear window

- J932 Automatic intermittent wash and wipe control unit
- T1k Single connector
- T1l Single connector
- T5b 5-pin connector, behind rear left side trim, near wheel arch
- T5f 5-pin connector
- T18c 18-pin connector
- V Windscreen wiper motor
- Z1 Heated rear window
- (50) Earth point, on left in luggage compartment
- (98) Earth connection, in rear lid wiring harness
- (366) Earth connection 1, in main wiring harness
- * Only models with rain and light sensor

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

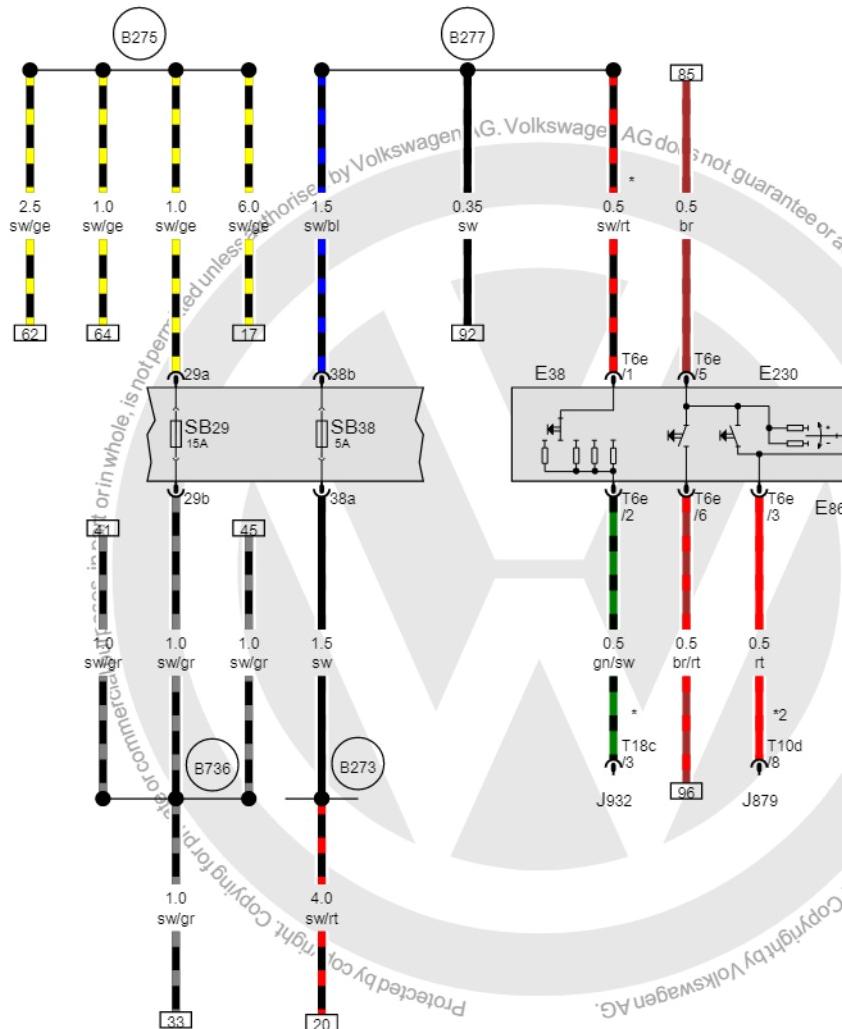
Rear window wiper motor, Windscreen and rear window washer pump

- J31 Automatic intermittent wash and wipe relay
 - SC2 Fuse 2 on fuse holder C
 - SC6 Fuse 6 on fuse holder C
 - SC18 Fuse 18 on fuse holder C
 - T2ao 2-pin connector
 - T4x 4-pin connector
 - T5a 5-pin connector, behind rear left side trim, near wheel arch
 - T18c 18-pin connector
 - V12 Rear window wiper motor
 - V59 Windscreen and rear window washer pump
 - (B621) Connection 1 (53c), in main wiring harness
 - (B737) Connection 2 (53c), in main wiring harness
- * Only models with rain and light sensor
 *2 Only models with 4-doors



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Intermittent wiper regulator, Multifunction display call-up button, Heated rear window button



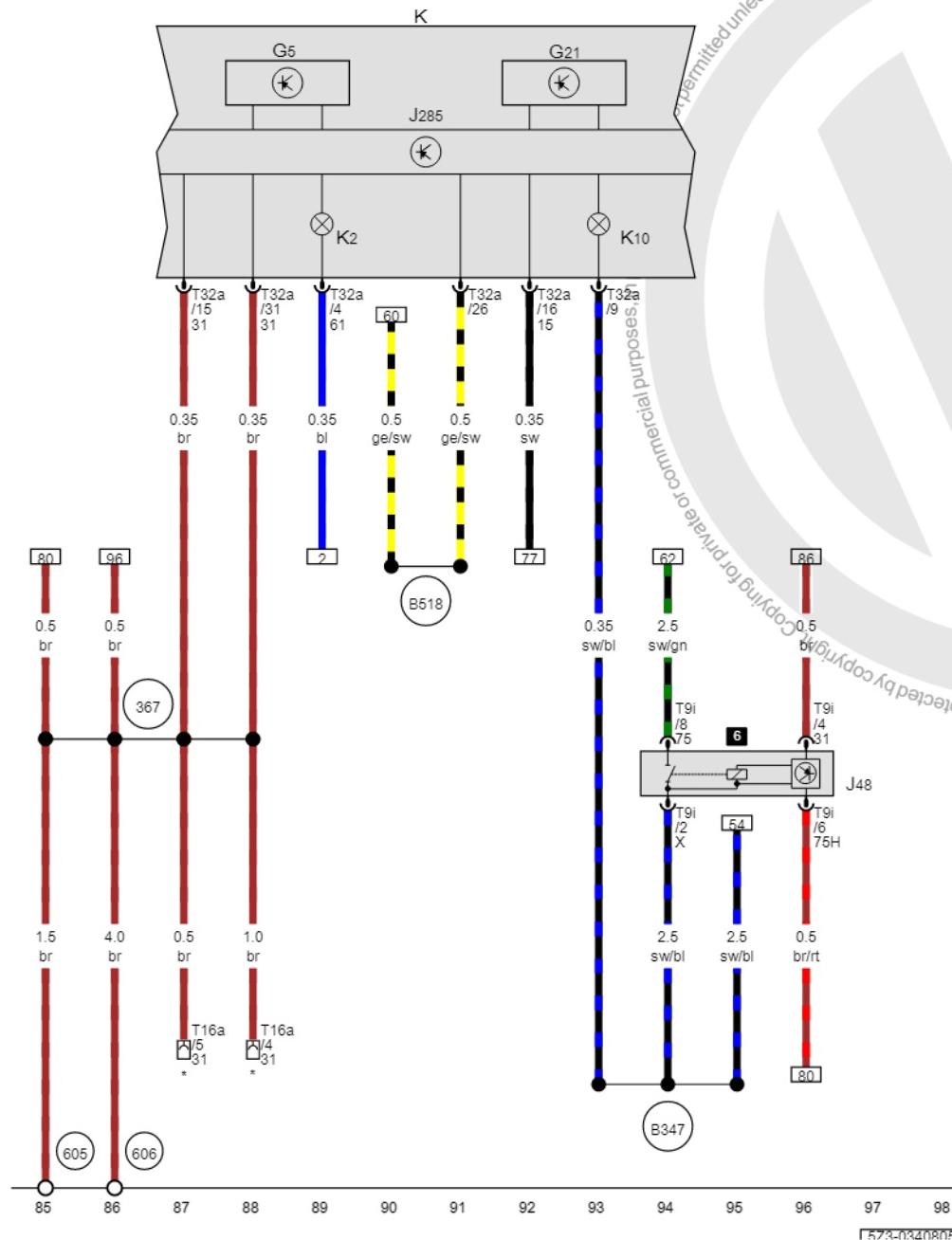
- E38 Intermittent wiper regulator
 E86 Multifunction display call-up button
 E230 Heated rear window button
 J879 Control unit for interactive system
 J932 Automatic intermittent wash and wipe control unit
 SB29 Fuse 29 on fuse holder B
 SB38 Fuse 38 on fuse holder B
 T6e 6-pin connector
 T10d 10-pin connector
 T18c 18-pin connector

- (B273) Positive connection (15), in main wiring harness
 (B275) Positive connection (87), in main wiring harness
 (B277) Positive connection 1 (15a) in main wiring harness
 (B736) Positive connection (53a), in main wiring harness

* Only models with rain and light sensor
 *2 For models with interactive system

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

Current Flow Diagram



Rev. counter, Speedometer, Heated rear window control relay, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp, Heated rear window warning lamp

G5 Rev. counter

G21 Speedometer

J48 Heated rear window control relay

J285 Control unit in dash panel insert

K Dash panel insert

K2 Alternator warning lamp

K10 Heated rear window warning lamp

T9i 9-pin connector

T16a 16-pin connector

T32a 32-pin connector

367 Earth connection 2, in main wiring harness

605 Earth point, on top end of steering column

606 Earth point, under the centre console near gear stick

B347 Connection 2 (75), in main wiring harness

B518 Connection (86s), in main wiring harness

Diagnostic connection

ws = white

sw = black

ro = red

rt = red

br = brown

gn = green

bl = blue

gr = grey

li = purple

vi = purple

ge = yellow

or = orange

rs = pink

F573-0320805121

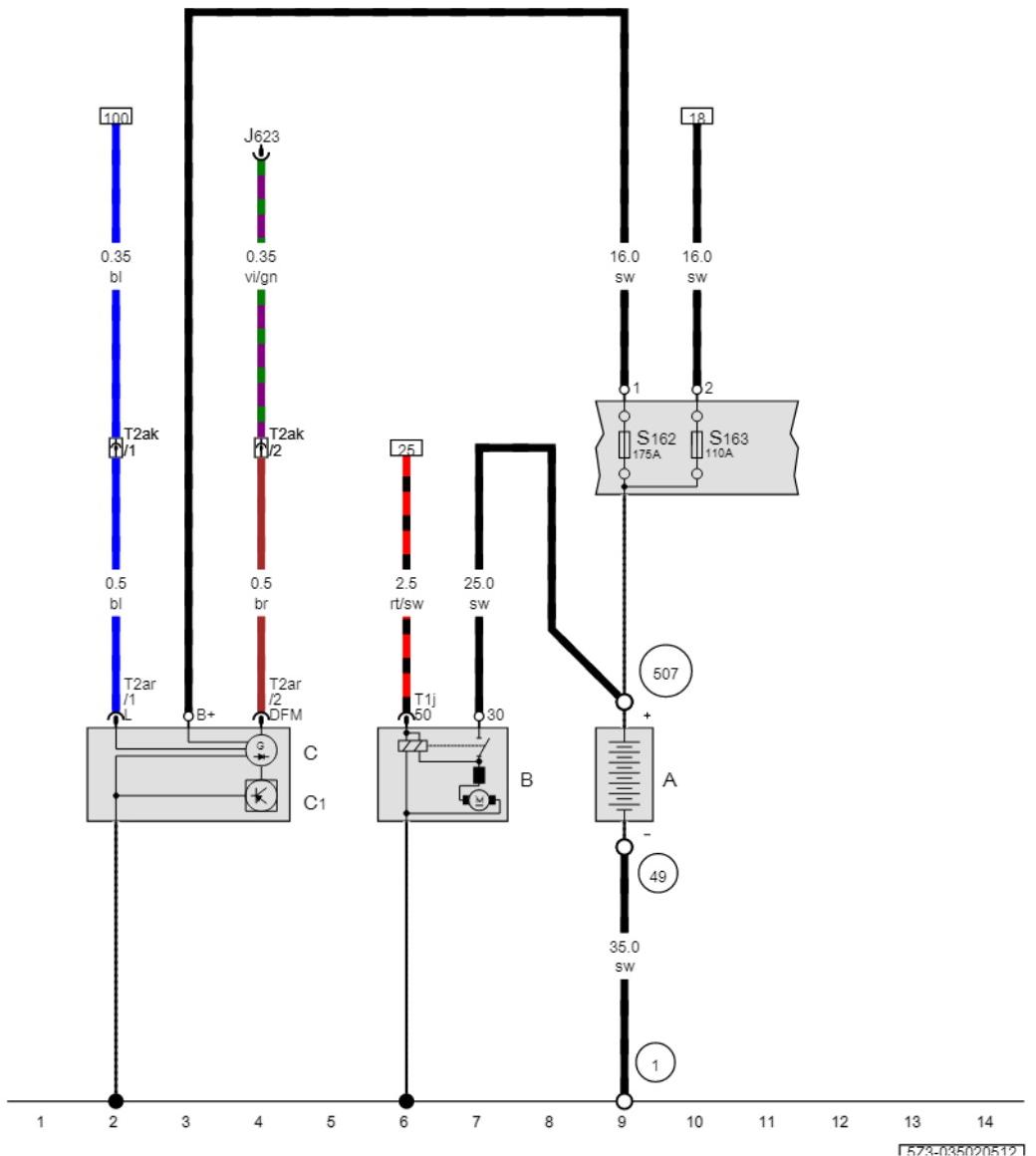
Radio

From April 2012



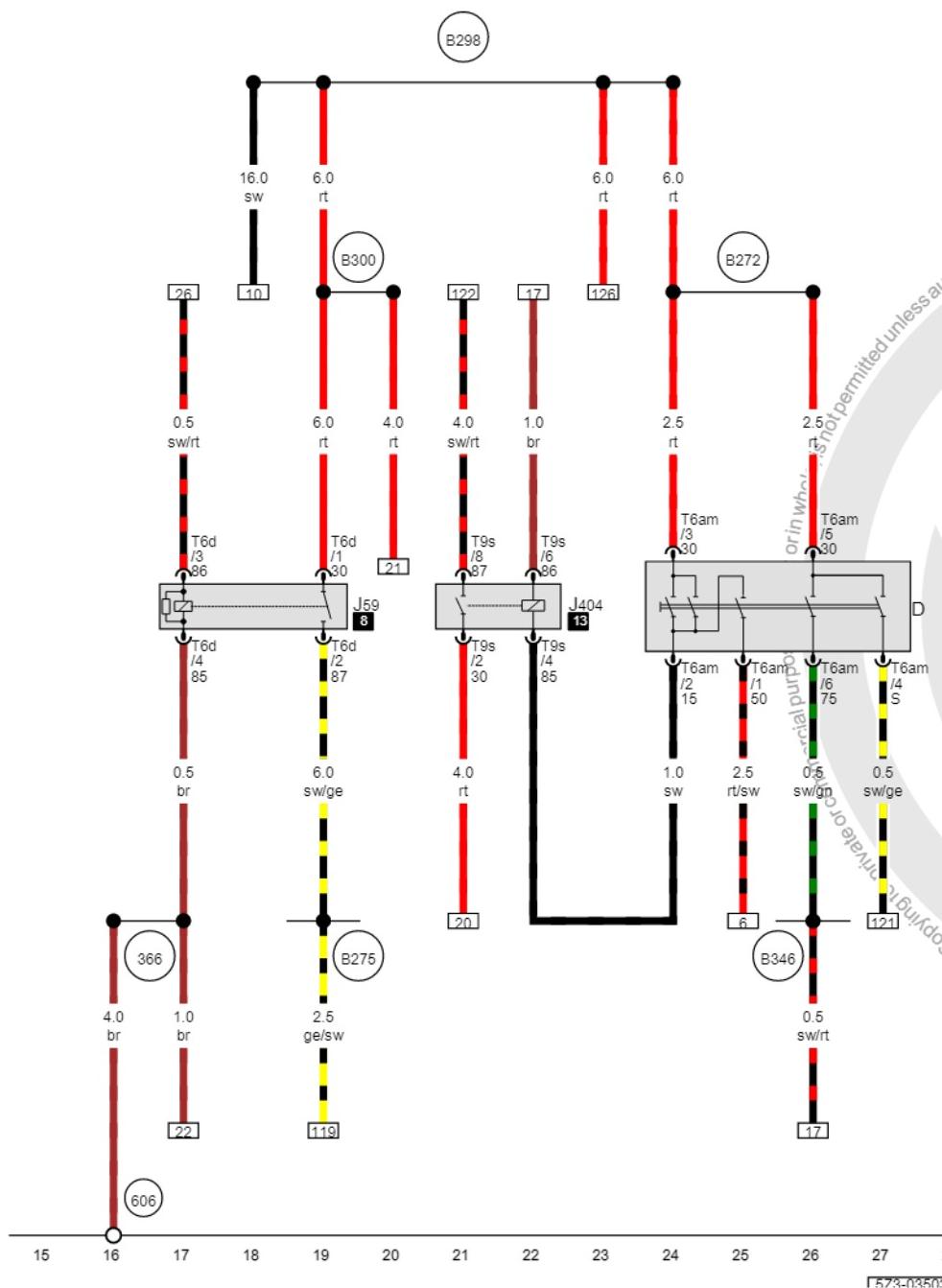
Battery, Starter, Alternator, Voltage regulator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J623	Engine control unit
S162	Fuse 1 (30), in battery fuse holder
S163	Fuse 2 (30), in battery fuse holder
T1j	Single connector
T2ak	2-pin connector, in engine compartment
T2ar	2-pin connector
1	Earth strap, battery - body
49	Earth point, near ..., near battery
507	Threaded connection (30), on battery fuse holder



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

F573-0350005121



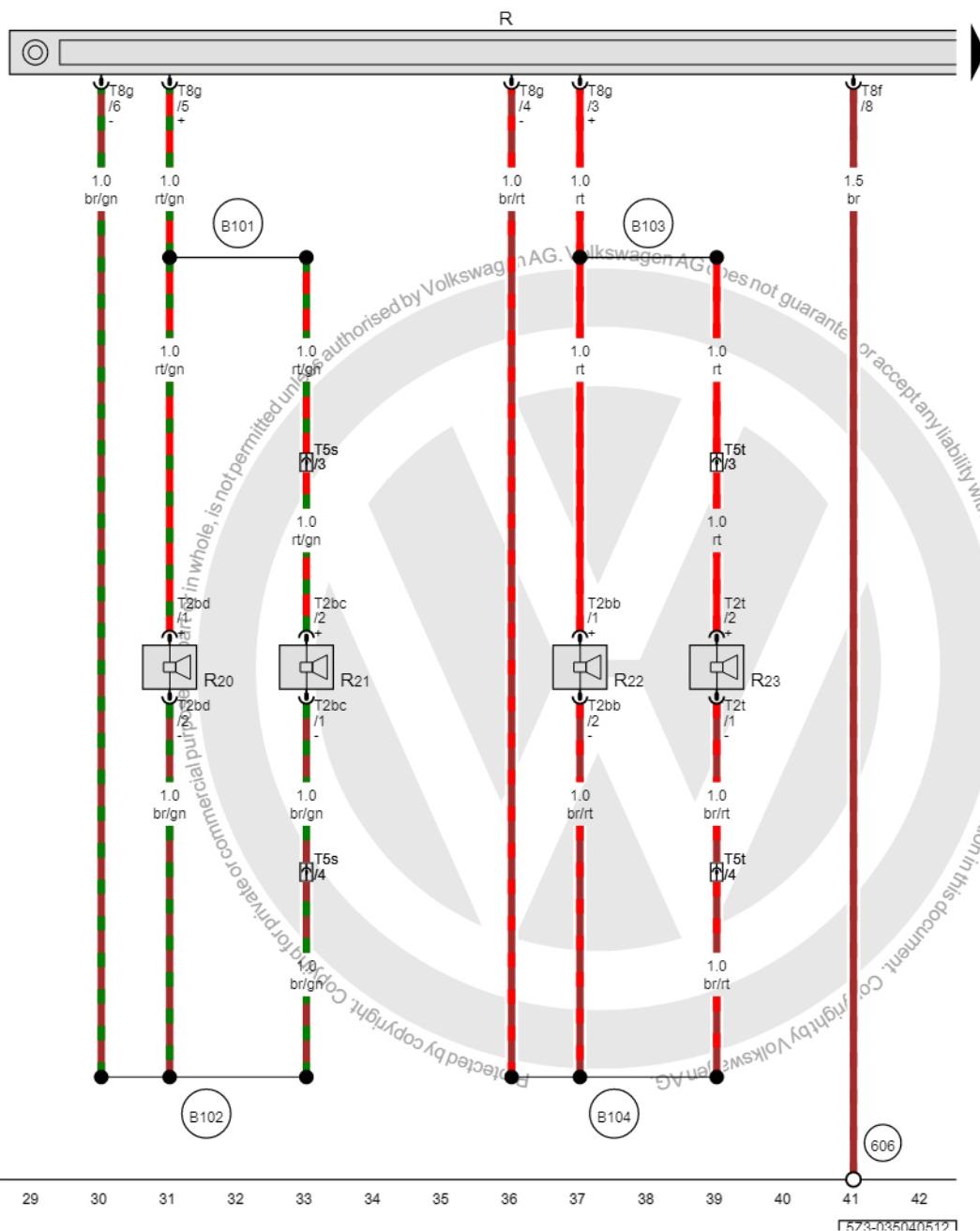
Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay

- | | |
|------|---|
| D | Ignition/starter switch |
| J59 | X-contact relief relay |
| J404 | Terminal 15 relief relay |
| T6am | 6-pin connector |
| T6d | 6-pin connector |
| T9s | 9-pin connector |
| 366 | Earth connection 1, in main wiring harness |
| 606 | Earth point, under the centre console near gear stick |
| B272 | Positive connection (30), in main wiring harness |
| B275 | Positive connection (87), in main wiring harness |
| B298 | Positive connection 2 (30), in main wiring harness |
| B300 | Positive connection 4 (30), in main wiring harness |
| B346 | Connection 1 (75), in main wiring harness |

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

F573-0350305121

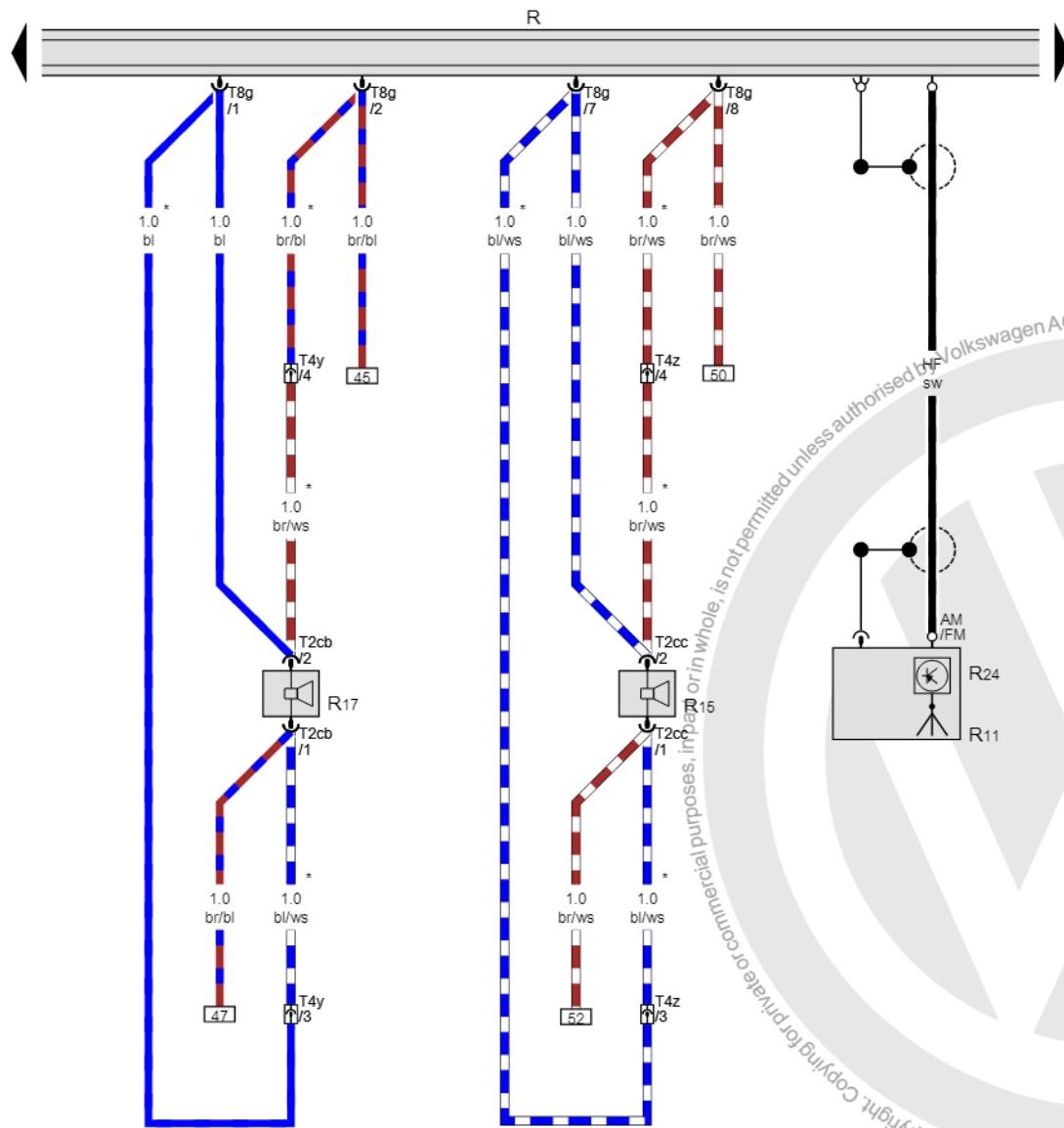
Radio, Front left treble loudspeaker, Front left bass
loudspeaker, Front right treble loudspeaker, Front right bass
loudspeaker



- | | |
|------|--|
| R | Radio |
| R20 | Front left treble loudspeaker |
| R21 | Front left bass loudspeaker |
| R22 | Front right treble loudspeaker |
| R23 | Front right bass loudspeaker |
| T2bb | 2-pin connector |
| T2bc | 2-pin connector |
| T2bd | 2-pin connector |
| T2t | 2-pin connector |
| T5s | 5-pin connector, in driver door |
| T5t | 5-pin connector, in front passenger door |
| T8f | 8-pin connector |
| T8g | 8-pin connector |
| 606 | Earth point, under the centre console near gear stick |
| B101 | Connection (positive, front left speaker), in main wiring harness |
| B102 | Connection (negative, front left speaker), in main wiring harness |
| B103 | Connection (positive, front right speaker), in main wiring harness |
| B104 | Connection (negative, front right speaker), in main wiring harness |

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

Radio, Aerial, Rear left bass loudspeaker, Rear right bass loudspeaker, Aerial amplifier

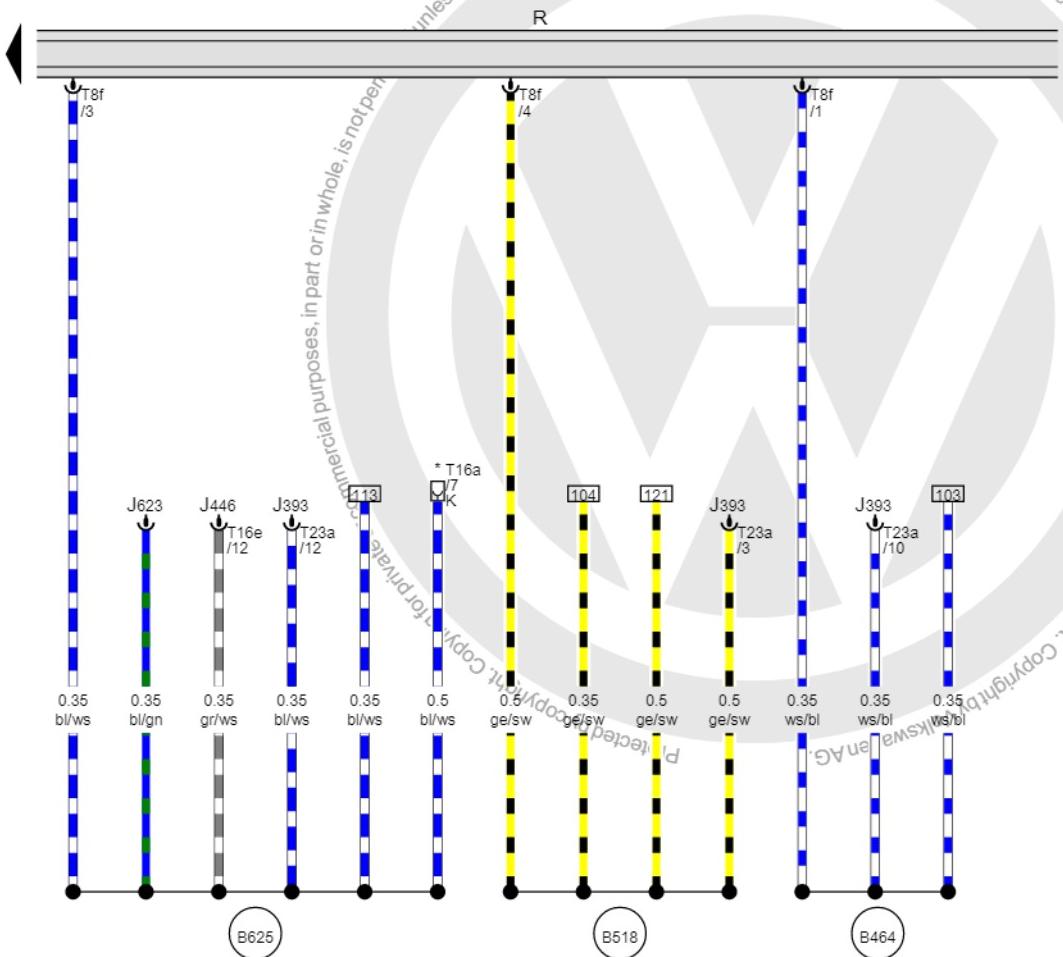


R	Radio
R11	Aerial
R15	Rear left bass loudspeaker
R17	Rear right bass loudspeaker
R24	Aerial amplifier
T2cb	2-pin connector
T2cc	2-pin connector
T4y	4-pin connector, in rear right door
T4z	4-pin connector, in rear left door
T8g	8-pin connector
*	Only models with 4-doors

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

43 44 45 46 47 48 49 50 51 52 53 54 55 56
L573-0350505121

Current Flow Diagram



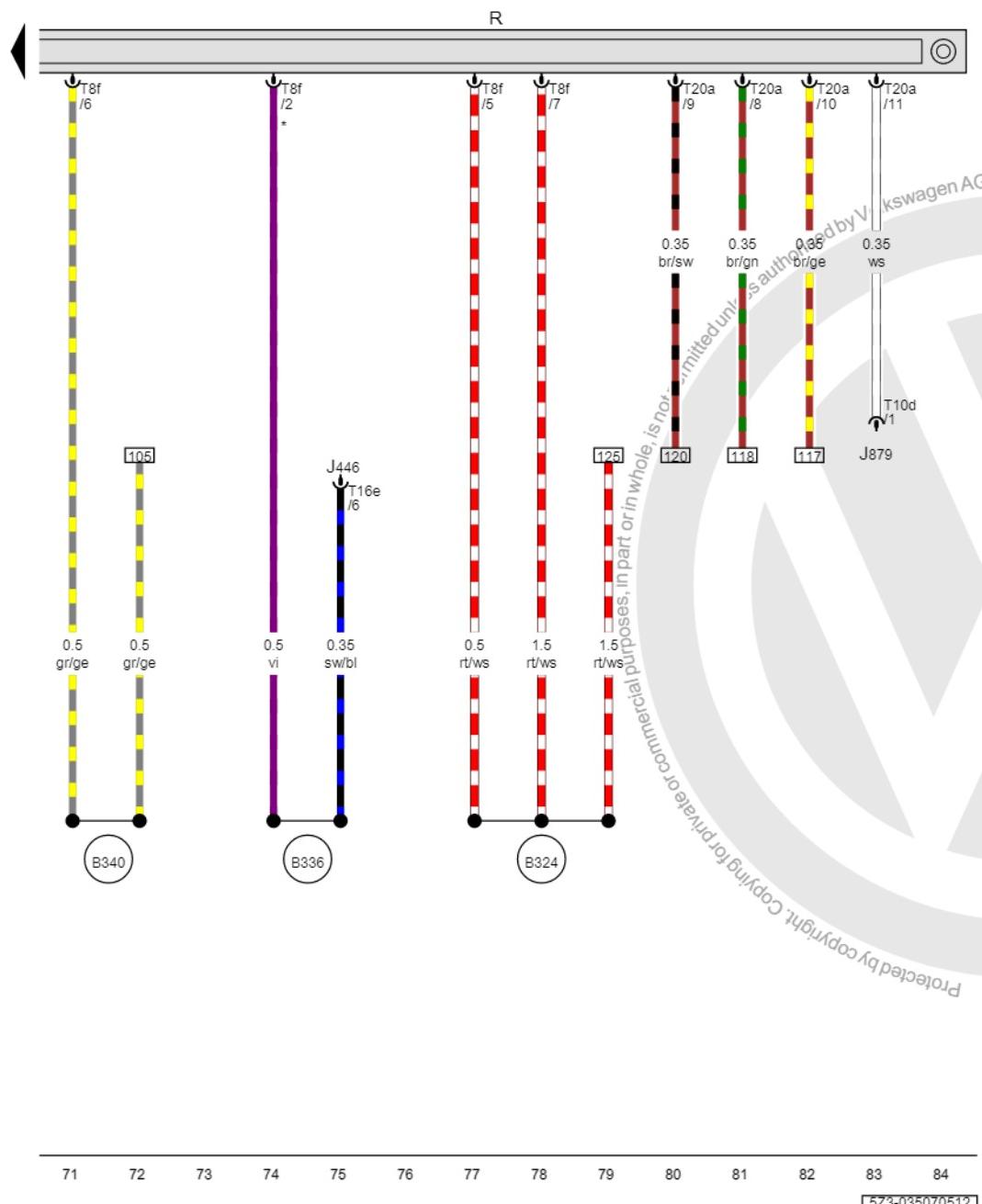
Radio

- J393 Convenience system central control unit
- J446 Parking aid control unit
- J623 Engine control unit
- R Radio
- T8f 8-pin connector
- T16a 16-pin connector, on diagnostic connection
- T16e 16-pin connector
- T23a 23-pin connector
- (B464) Connection (speed signal), in main wiring harness
- (B518) Connection (86s), in main wiring harness
- (B625) Connection (K-diagnosis wire), in main wiring harness
- * Diagnostic connection

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

57 58 59 60 61 62 63 64 65 66 67 68 69 70

1573-0350605121



Radio

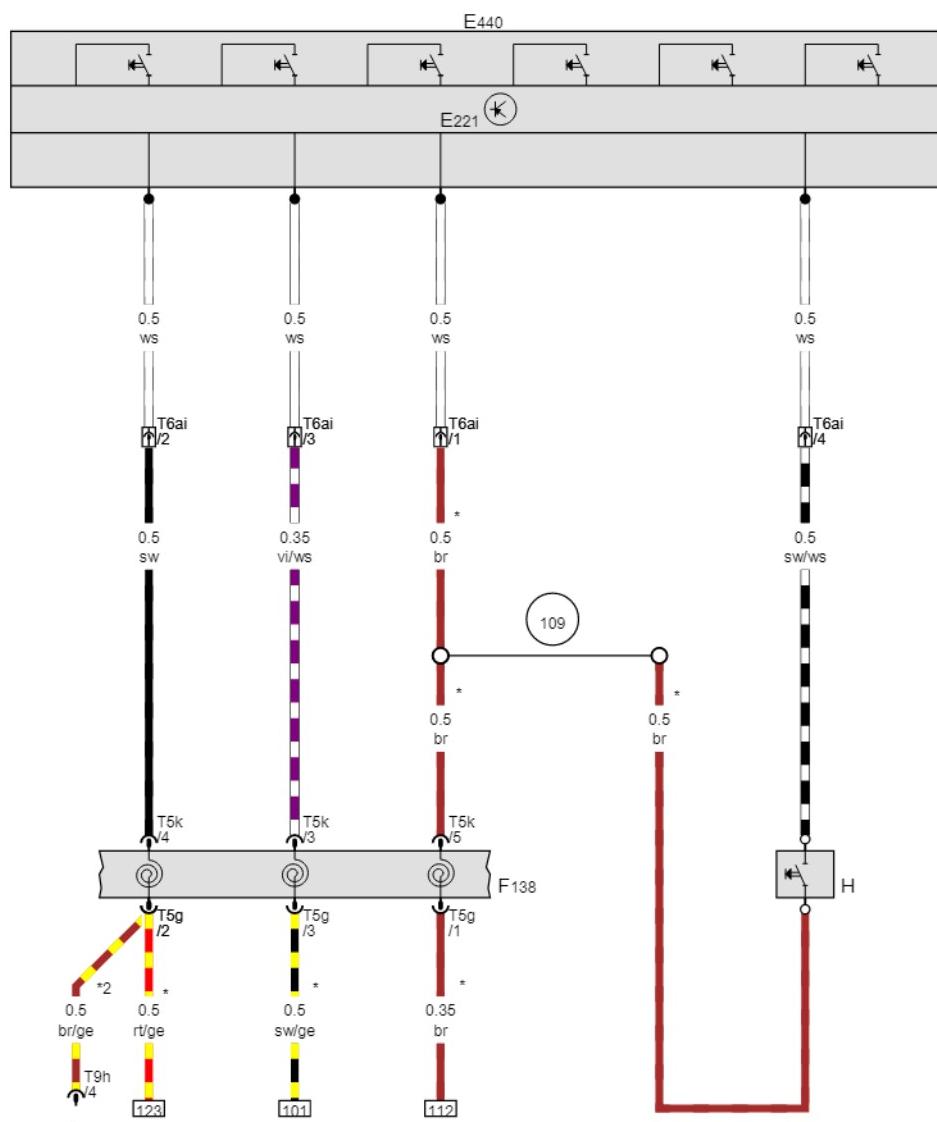
- J446 Parking aid control unit
- J879 Control unit for interactive system
- R Radio
- T8f 8-pin connector
- T10d 10-pin connector
- T16e 16-pin connector
- T20a 20-pin connector
- (B324) Positive connection 10 (30a) in main wiring harness
- (B336) Connection 2 (54), in main wiring harness
- (B340) Connection 1 (58d), in main wiring harness

* Only models with park assist steering

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

1573-0350705121

Operating unit in steering wheel, Multifunction buttons on left in steering wheel, Airbag coil connector and return ring with slip ring, Horn plate



E221 Operating unit in steering wheel

E440 Multifunction buttons on left in steering wheel

F138 Airbag coil connector and return ring with slip ring

H Horn plate

J4 Dual tone horn relay

T5g 5-pin connector

T5k 5-pin connector

T6ai 6-pin connector

T9h 9-pin connector

109 Earth connection, in airbag wiring harness

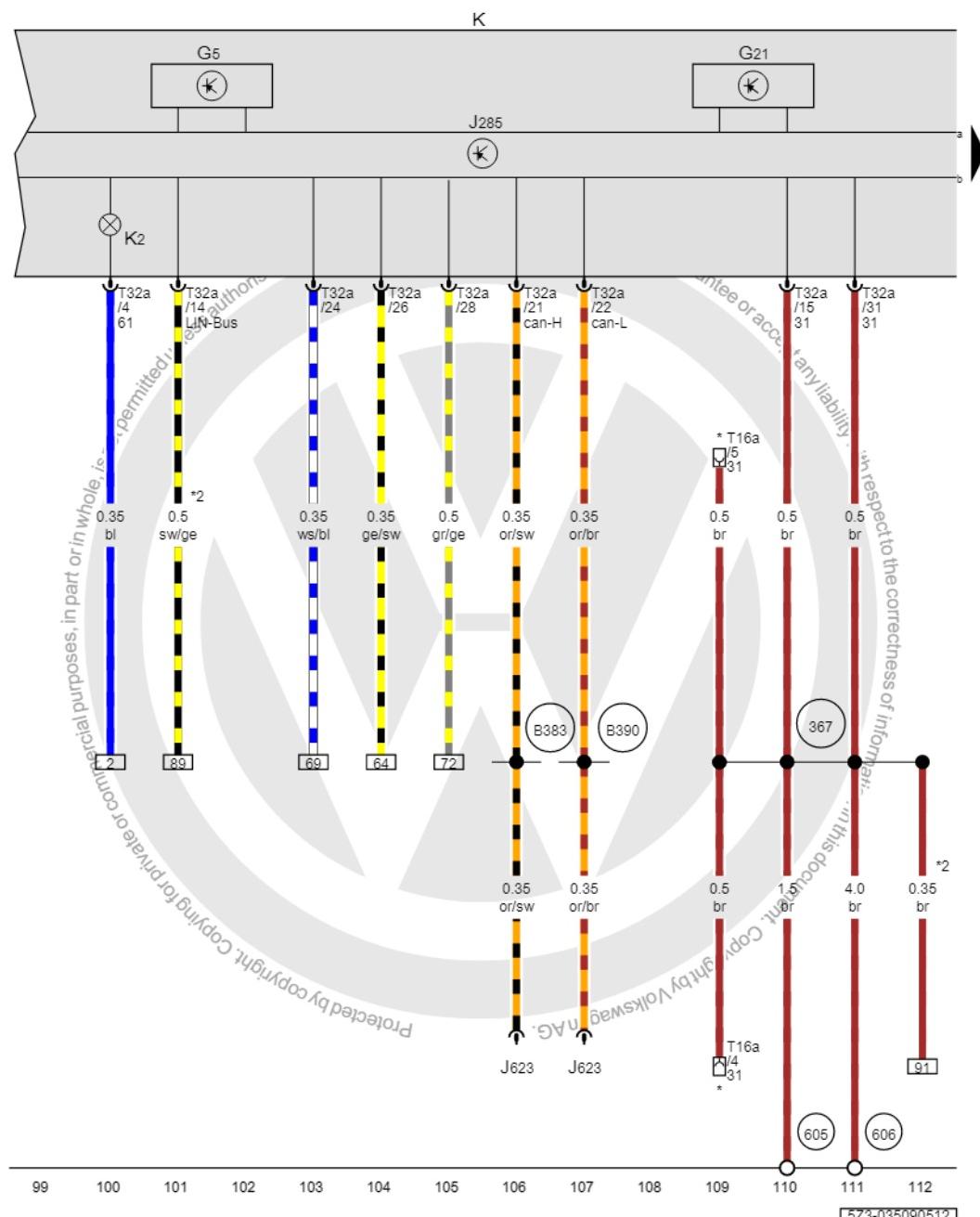
* Only models with operating unit for radio

*2 Only models with airbag

Protected by Copyright © Volkswagen AG. Copying or unauthorized use in part or in whole is not permitted unless authorized by Volkswagen AG.

ws	= white
sw	= black
ro	= red
rt	= red
br	brown
gn	green
bl	blue
gr	grey
li	purple
vi	purple
ge	yellow
or	orange
rs	pink

Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp



- G5 Rev. counter
 G21 Speedometer
 J285 Control unit in dash panel insert
 J623 Engine control unit
 K Dash panel insert
 K2 Alternator warning lamp
 T16a 16-pin connector, on diagnostic connection
 T32a 32-pin connector

367 Earth connection 2, in main wiring harness

605 Earth point, on top end of steering column

606 Earth point, under the centre console near gear stick

B383 Connection 1 (powertrain CAN bus, high), in main wiring harness

B390 Connection 1 (powertrain CAN bus, low), in main wiring harness

* Diagnostic connection

*2 Only models with operating unit for radio

Control unit in dash panel insert, Dash panel insert

J48 Heated rear window control relay

J285 Control unit in dash panel insert

K Dash panel insert

SC2 Fuse 2 on fuse holder C

SC5 Fuse 5 on fuse holder C

SC6 Fuse 6 on fuse holder C

SC21 Fuse 21 on fuse holder C

SB28 Fuse 28 on fuse holder B

SB38 Fuse 38 on fuse holder B

T9i 9-pin connector

T32a 32-pin connector

B273 Positive connection (15), in main wiring harness

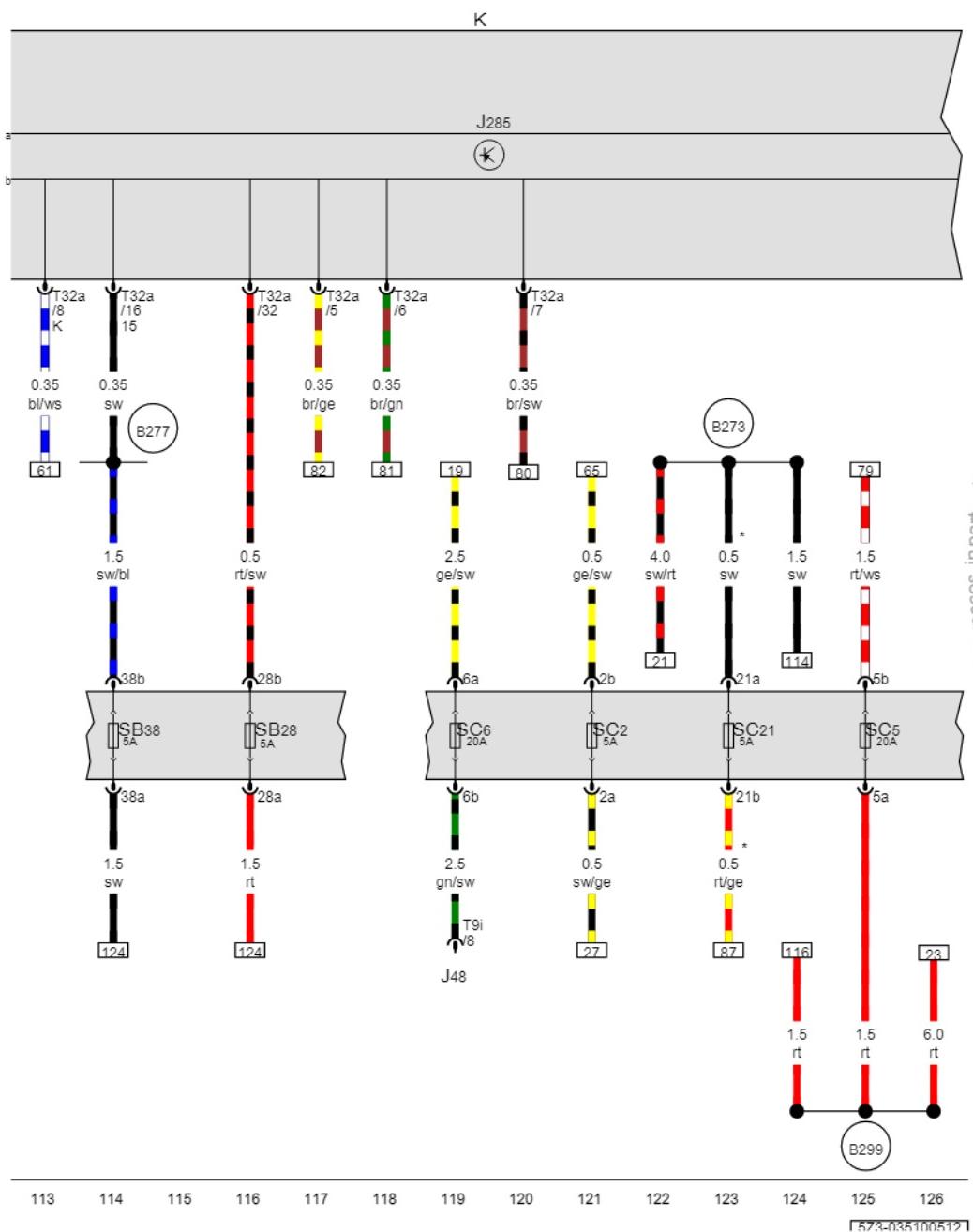
B277 Positive connection 1 (15a) in main wiring harness

B299 Positive connection 3 (30), in main wiring harness

* Only models with operating unit for radio

Protected by copyright. Copying or private use of commercial purposes, in part or in whole, is not permitted unless authorised by Volkswagen AG.

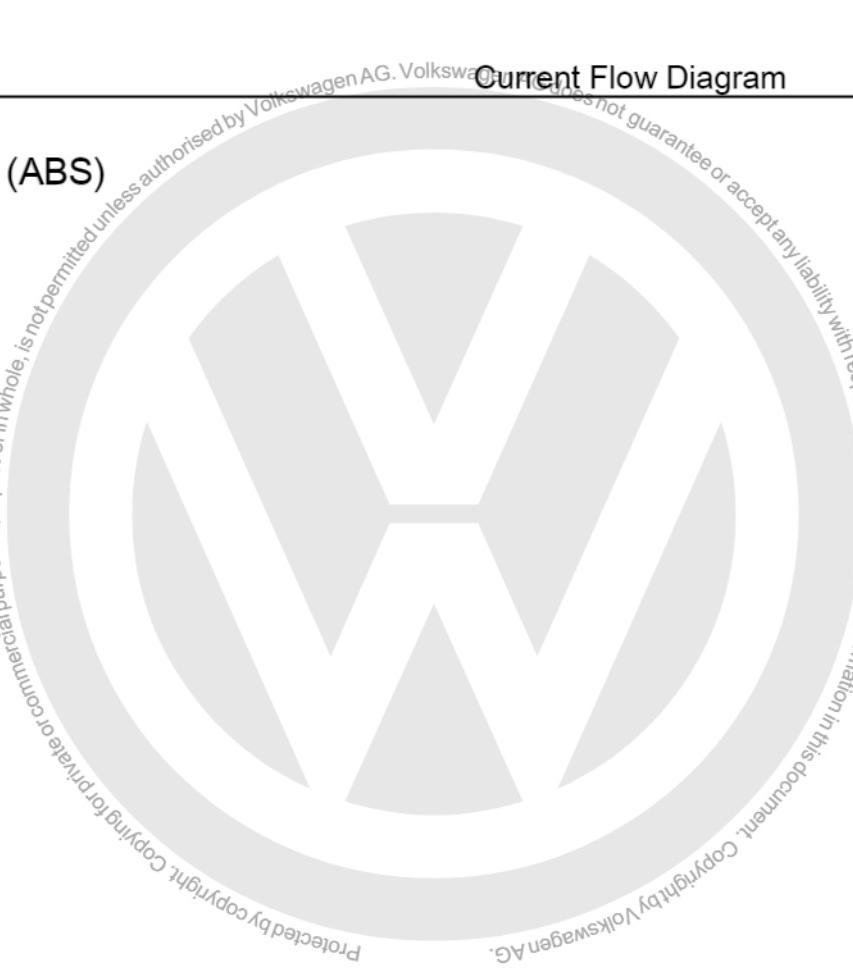
ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink



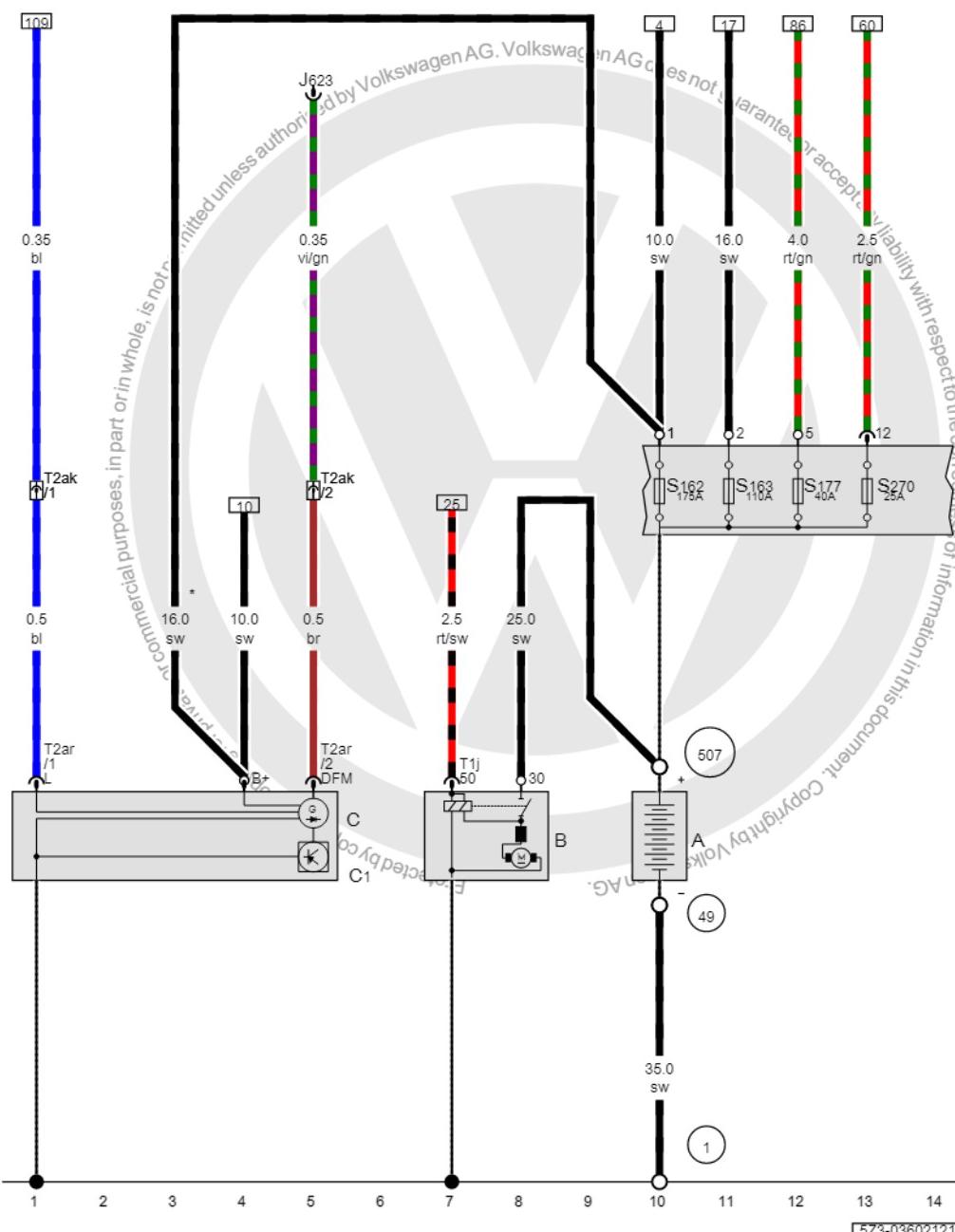
Current Flow Diagram

Anti-lock brake system (ABS)

From April 2012



Battery, Starter, Alternator, Voltage regulator



- A Battery
 - B Starter
 - C Alternator
 - C1 Voltage regulator
 - J623 Engine control unit
 - S162 Fuse 1 (30), in battery fuse holder
 - S163 Fuse 2 (30), in battery fuse holder
 - S177 Fuse 5 (30), in battery fuse holder
 - S270 Fuse 12 (30), in battery fuse holder
 - T1j Single connector
 - T2ak 2-pin connector, in engine compartment
 - T2ar 2-pin connector

1 Earth strap, battery - body

49 Earth point, near ..., near battery

507 Threaded connection (30), on battery fuse hold

* Only models with 110 A alternator

Only models with 110 A alternator

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

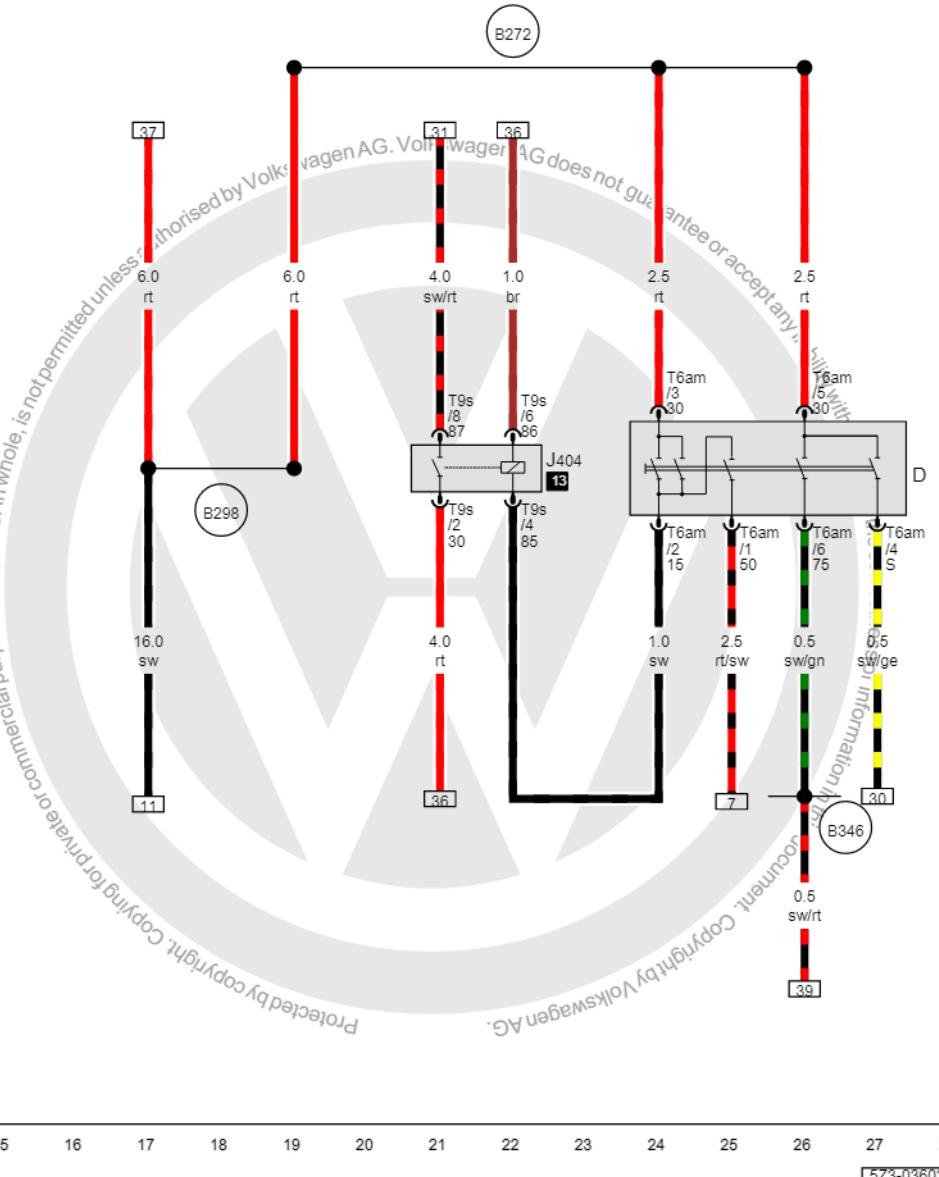
Ignition/starter switch, Terminal 15 relief relay

D Ignition/starter switch
 J404 Terminal 15 relief relay
 T6am 6-pin connector
 T9s 9-pin connector

B272 Positive connection (30), in main wiring harness

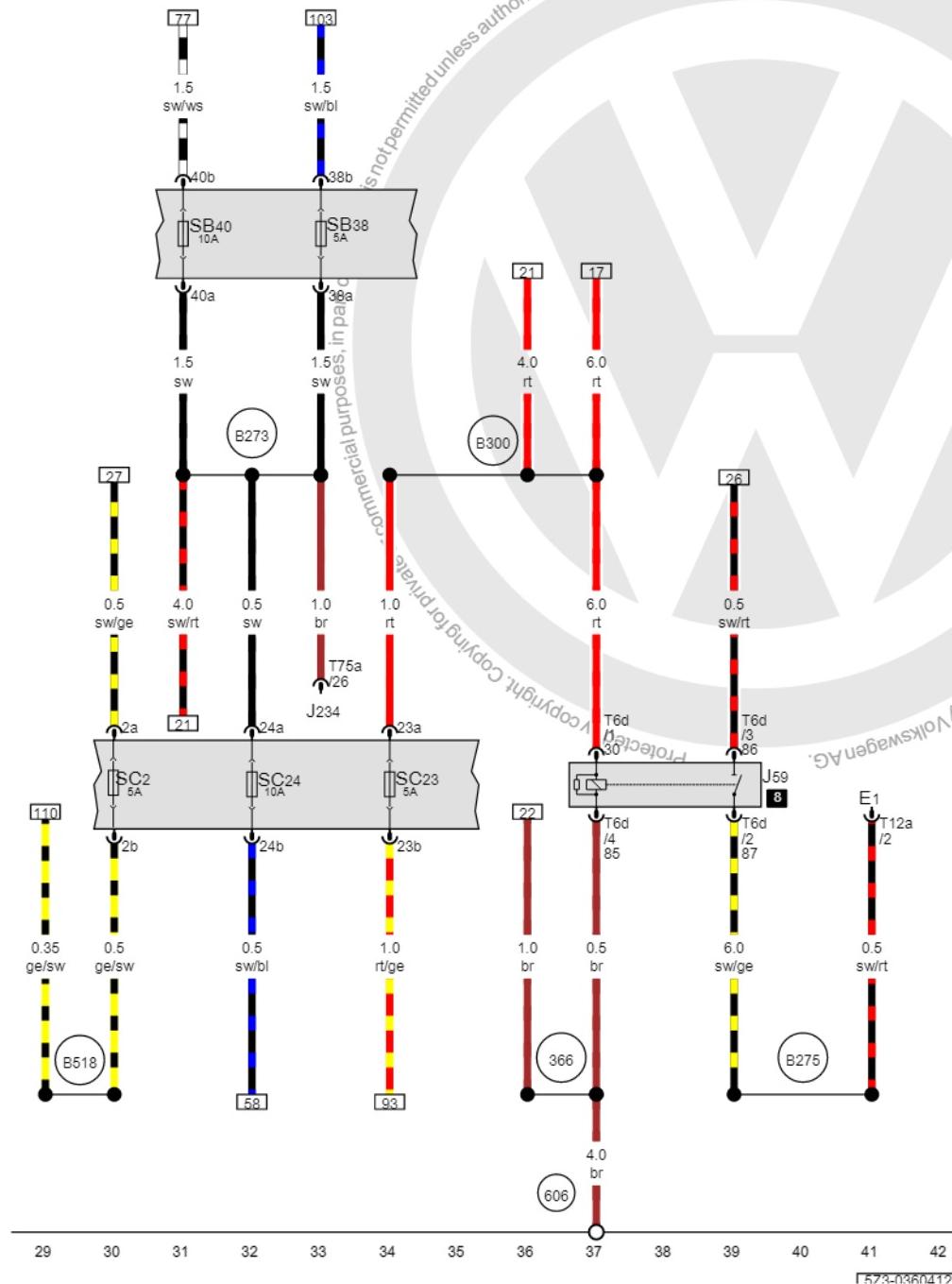
(B298) Positive connection 2 (30), in main wiring harness

(B346) Connection 1 (75), in main wiring harness



ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

Current Flow Diagram



X-contact relief relay

- E1 Light switch
- J59 X-contact relief relay
- J234 Airbag control unit
- SC2 Fuse 2 on fuse holder C
- SC23 Fuse 23 on fuse holder C
- SC24 Fuse 24 on fuse holder C
- SB38 Fuse 38 on fuse holder B
- SB40 Fuse 40 on fuse holder B
- T6d 6-pin connector
- T12a 12-pin connector
- T75a 75-pin connector
- 366 Earth connection 1, in main wiring harness
- 606 Earth point, under the centre console near gear stick
- B273 Positive connection (15), in main wiring harness
- B275 Positive connection (87), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B518 Connection (86s), in main wiring harness

Copyright © Volkswagen AG.
Photocopying or commercial purposes, in part or in whole, is not permitted unless authorised by Volkswagen AG.
Guarantee or acceptance liability with respect to the correctness of information in this document. Copying by Volkswagen AG.

Rear right speed sensor, Front right speed sensor, Rear left speed sensor, Front left speed sensor, ABS control unit, ABS return flow pump relay, Front right ABS inlet valve, Front right ABS outlet valve, ABS return flow pump

G44 Rear right speed sensor

G45 Front right speed sensor

G46 Rear left speed sensor

G47 Front left speed sensor

J104 ABS control unit

J105 ABS return flow pump relay

N99 Front right ABS inlet valve

N100 Front right ABS outlet valve

T2cw 2-pin connector

T2cx 2-pin connector

T2cy 2-pin connector

T2cz 2-pin connector

T38a 38-pin connector

V39 ABS return flow pump

B739 Connection (rear right speed sensor +), in main wiring harness

B740 Connection (rear right speed sensor -), in main wiring harness

B741 Connection (rear left speed sensor +), in main wiring harness

B742 Connection (rear left speed sensor -), in main wiring harness

ws = white

sw = black

ro = red

rt = red

br = brown

gn = green

bl = blue

gr = grey

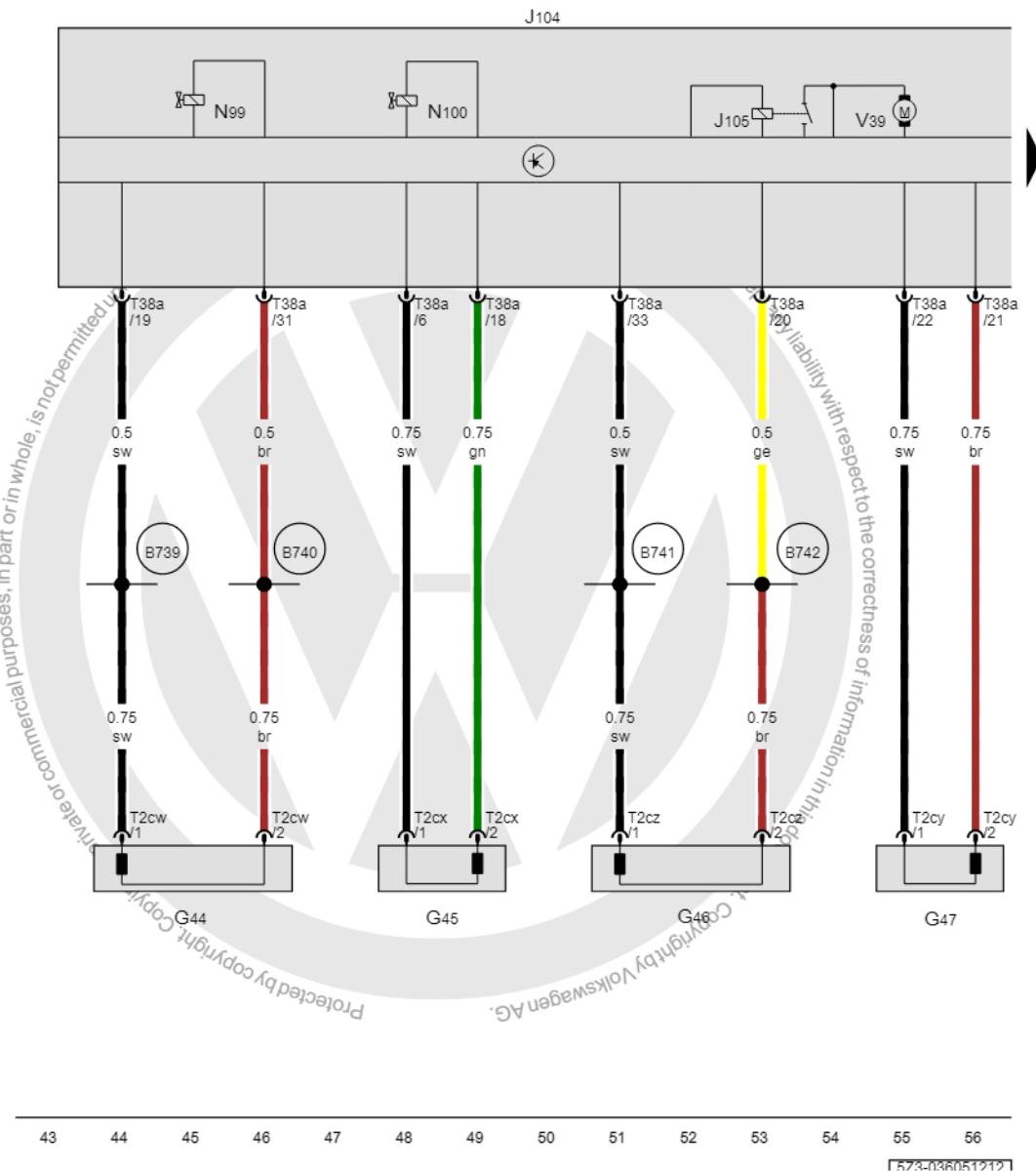
li = purple

vi = purple

ge = yellow

or = orange

rs = pink



ABS control unit, Front left ABS inlet valve, Front left ABS outlet valve

J104 ABS control unit

J623 Engine control unit

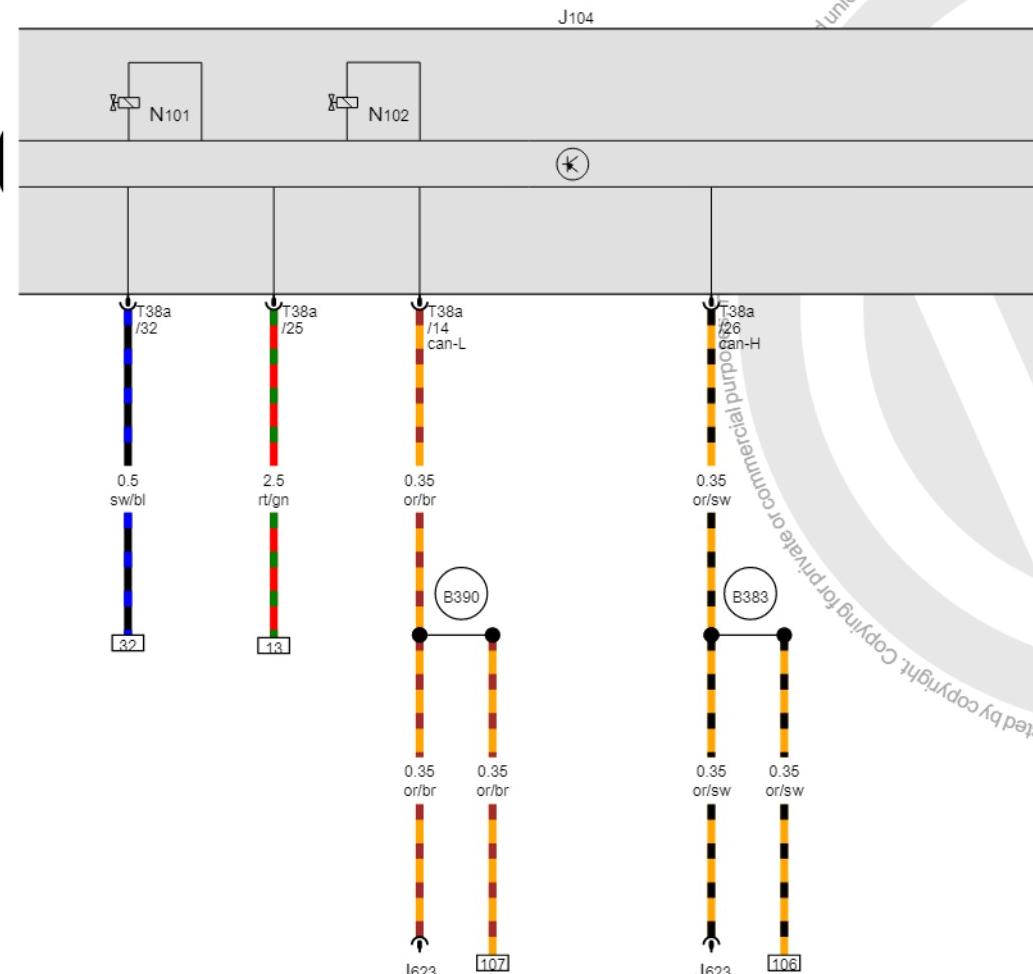
N101 Front left ABS inlet valve

N102 Front left ABS outlet valve

T38a 38-pin connector

(B383) Connection 1 (powertrain CAN bus, high), in main wiring harness

(B390) Connection 1 (powertrain CAN bus, low), in main wiring harness

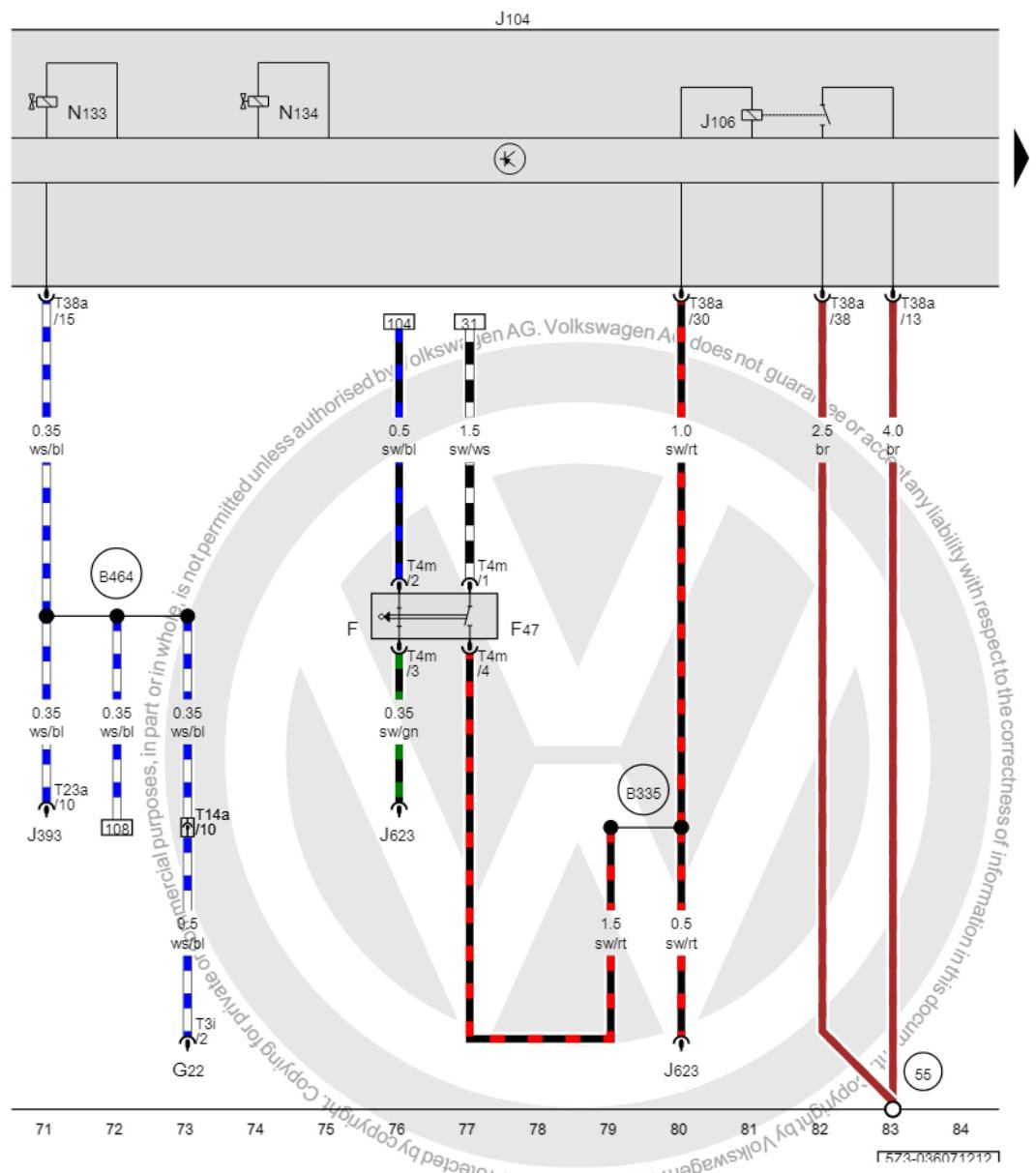


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

57 58 59 60 61 62 63 64 65 66 67 68 69 70 15723-0360612121

Brake light switch, Brake pedal switch, ABS control unit, ABS solenoid valve relay, Rear right ABS inlet valve, Rear left ABS inlet valve

- F Brake light switch
- F47 Brake pedal switch
- G22 Speedometer sender
- J104 ABS control unit
- J106 ABS solenoid valve relay
- J393 Convenience system central control unit
- J623 Engine control unit
- N133 Rear right ABS inlet valve
- N134 Rear left ABS inlet valve
- T3i 3-pin connector
- T4m 4-pin connector
- T14a 14-pin connector
- T23a 23-pin connector
- T38a 38-pin connector
- 55 Earth point, next to ABS control unit
- B335 Connection 1 (54), in main wiring harness
- B464 Connection (speed signal), in main wiring harness



ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

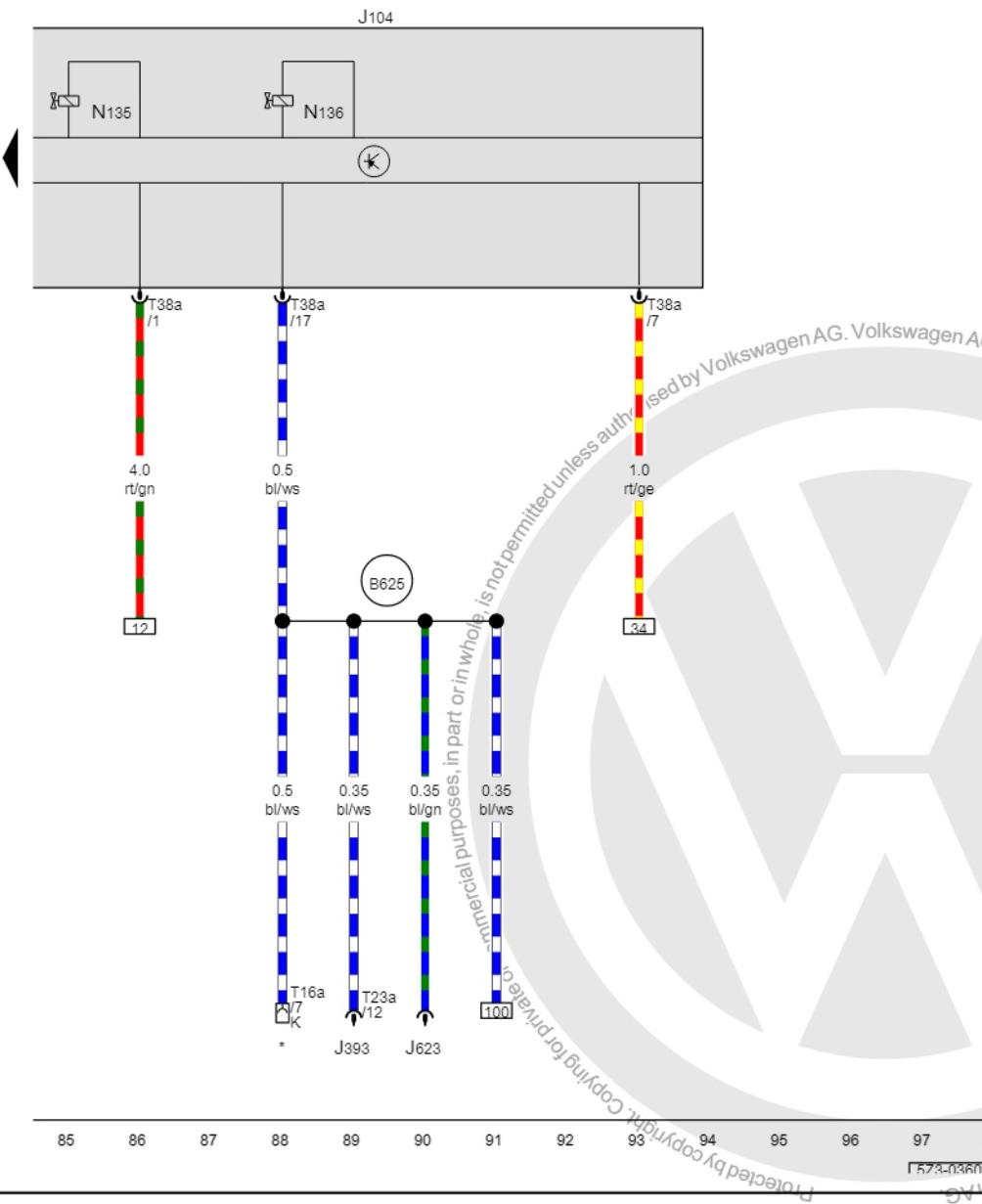
Protected by copyright. Copying for private commercial purposes is not permitted unless authorised by Volkswagen AG. Volkswagen AG does not guarantee or accept any liability with respect to the correctness of information in this document.

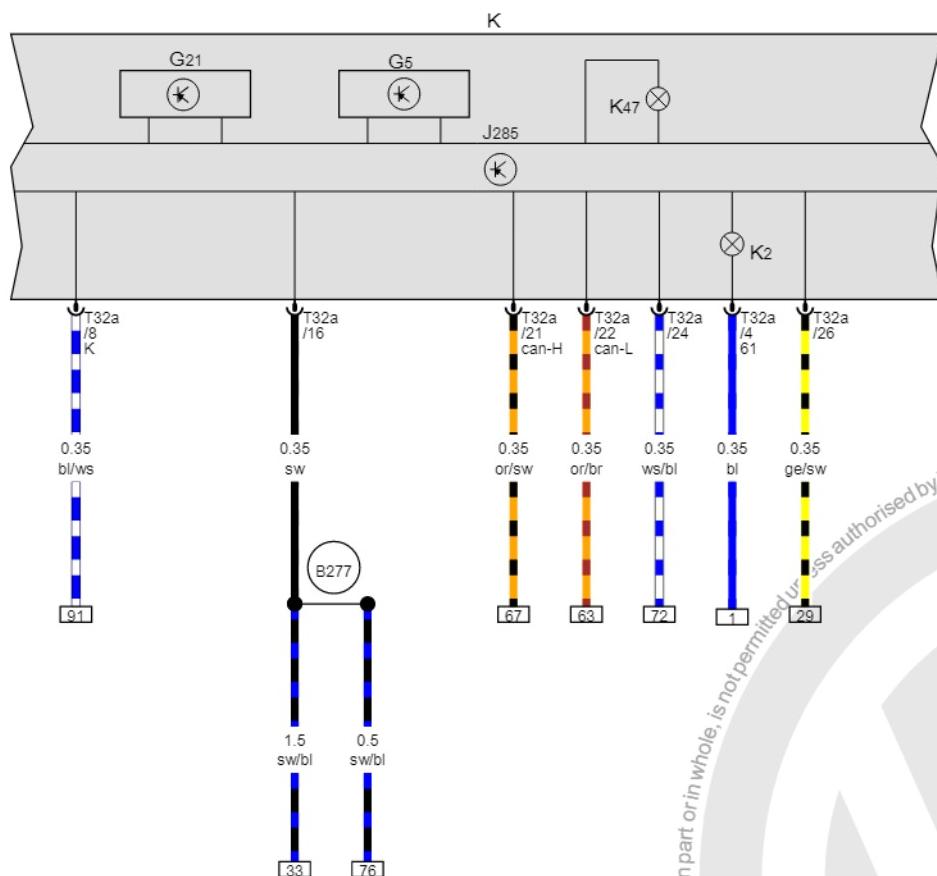
ABS control unit, Rear right ABS outlet valve, Rear left ABS outlet valve

J104 ABS control unit
 J393 Convenience system central control unit
 J623 Engine control unit
 N135 Rear right ABS outlet valve
 N136 Rear left ABS outlet valve
 T16a 16-pin connector
 T23a 23-pin connector
 T38a 38-pin connector

(B625) Connection (K-diagnosis wire), in main wiring harness

* Diagnostic connection





Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp, ABS warning lamp

G5 Rev. counter
G21 Speedometer
J285 Control unit in dash panel insert
K Dash panel insert
K2 Alternator warning lamp
K47 ABS warning lamp
T32a 32-pin connector

B277 Positive connection 1 (15a) in main wiring harness

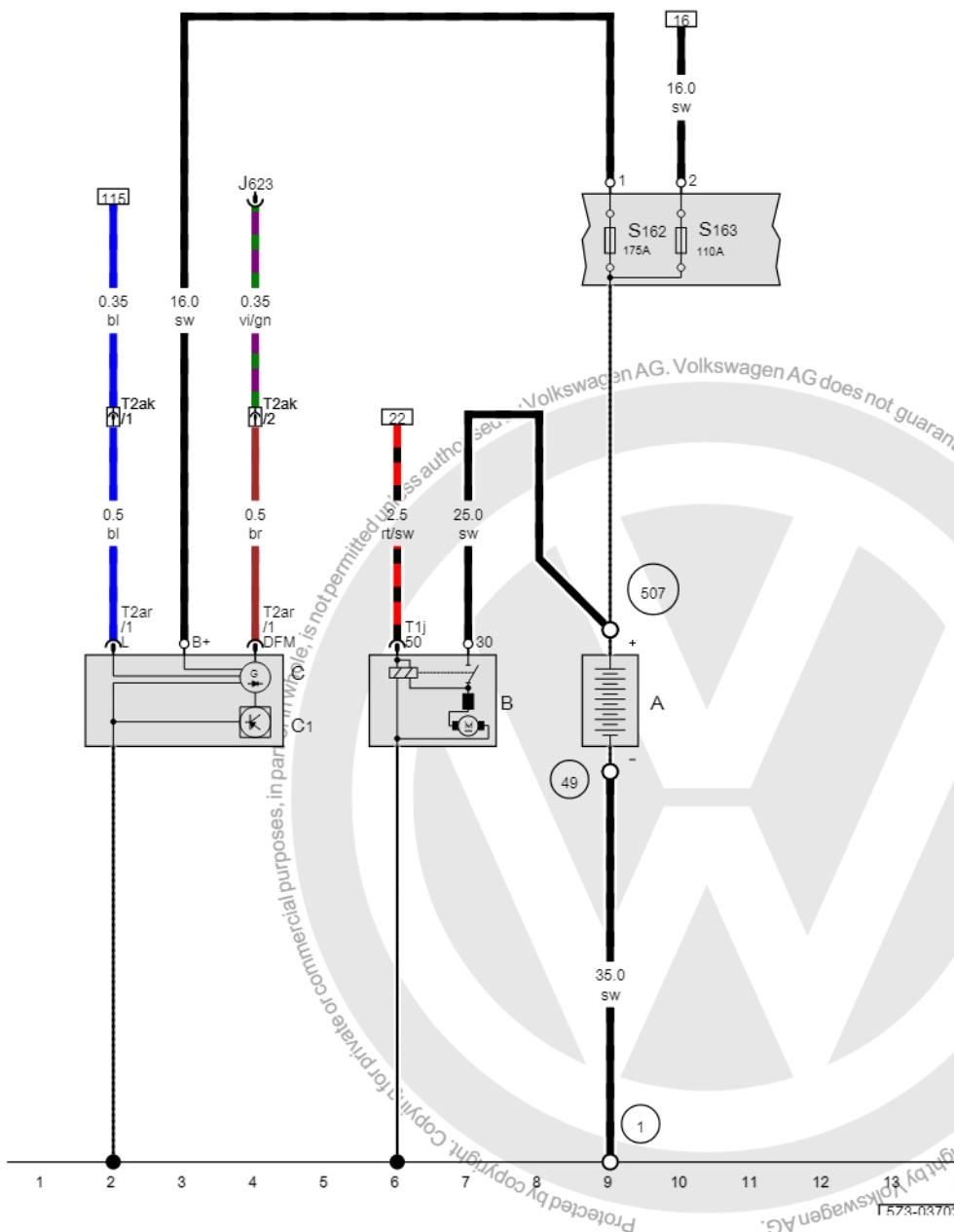
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
lo = orange
rs = pink

Fog light

From April 2012

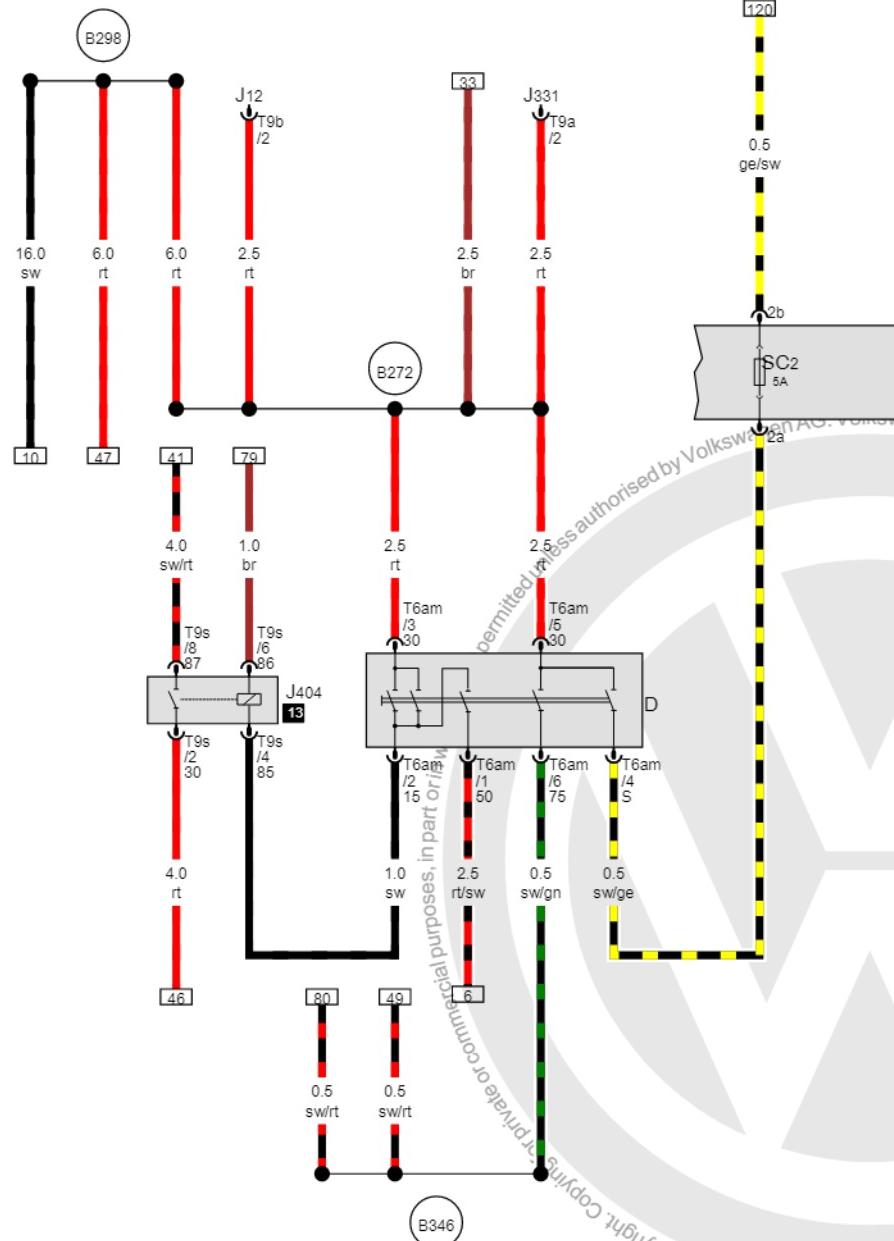


Battery, Starter, Alternator, Voltage regulator



- | | |
|------|--|
| A | Battery |
| B | Starter |
| C | Alternator |
| C1 | Voltage regulator |
| J623 | Engine control unit |
| S162 | Fuse 1 (30), in battery fuse holder |
| S163 | Fuse 2 (30), in battery fuse holder |
| T1j | Single connector |
| T2ak | 2-pin connector |
| T2ar | 2-pin connector |
| 1 | Earth strap, battery - body |
| 49 | Earth point, near ..., near battery |
| 507 | Threaded connection (30), on battery fuse holder |

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



Ignition/starter switch, Terminal 15 relief relay

- D Ignition/starter switch
- J12 Headlight main beam relay
- J331 Dipped beam relay
- J404 Terminal 15 relief relay
- SC2 Fuse 2 on fuse holder C
- T6am 6-pin connector
- T9a 9-pin connector
- T9b 9-pin connector
- T9s 9-pin connector
- B272 Positive connection (30), in main wiring harness
- B298 Positive connection 2 (30), in main wiring harness
- B346 Connection 1 (75), in main wiring harness

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

D

B272

B298

B346

D

J12

J331

J404

SC2

T6am

T9a

T9b

T9s

ge/sw

0.5

2b

2a

5A

SC2

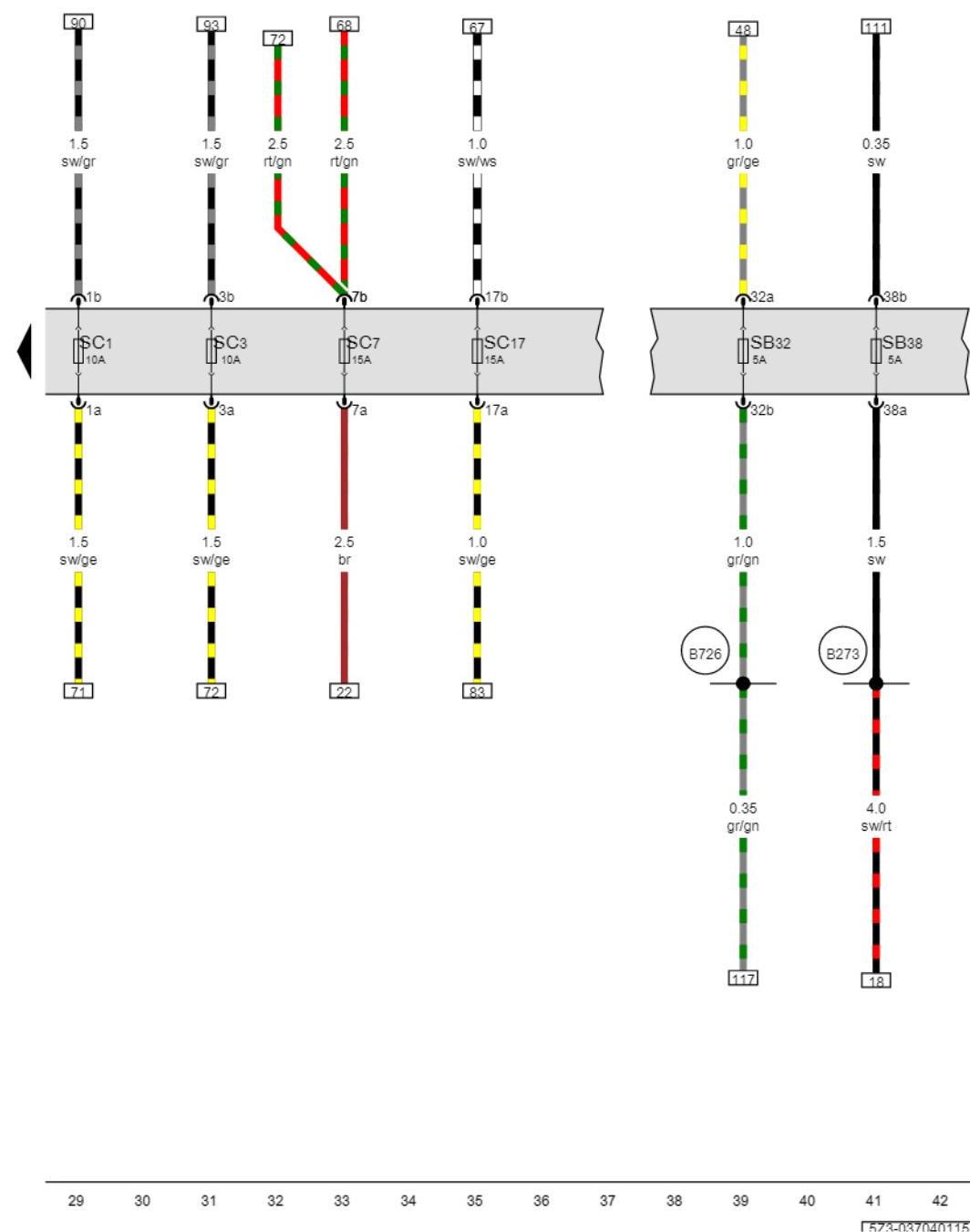
5A

D

120

0.5

ge/sw



Fuse 1 on fuse holder C, Fuse 3 on fuse holder C, Fuse 7 on fuse holder C, Fuse 17 on fuse holder C, Fuse 32 on fuse holder B, Fuse 38 on fuse holder B

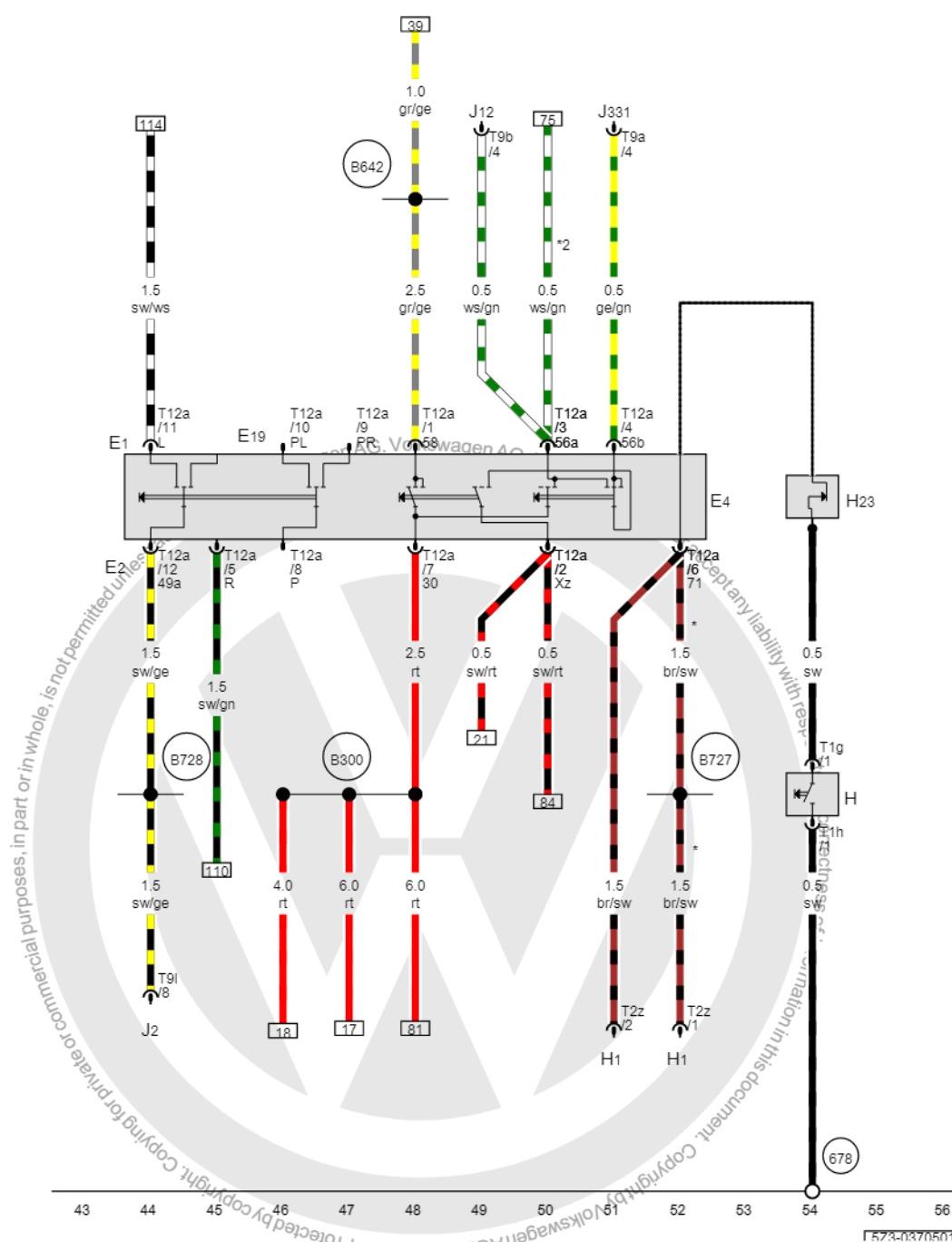
- SC1 Fuse 1 on fuse holder C
- SC3 Fuse 3 on fuse holder C
- SC7 Fuse 7 on fuse holder C
- SC17 Fuse 17 on fuse holder C
- SB32 Fuse 32 on fuse holder B
- SB38 Fuse 38 on fuse holder B

B273 Positive connection (15), in main wiring harness

B726 Positive connection 2 (58), in main wiring harness

Protected by copyright. Copying or printing of commercial purposes, in part or in whole, is not permitted unless authorized by Volkswagen AG.

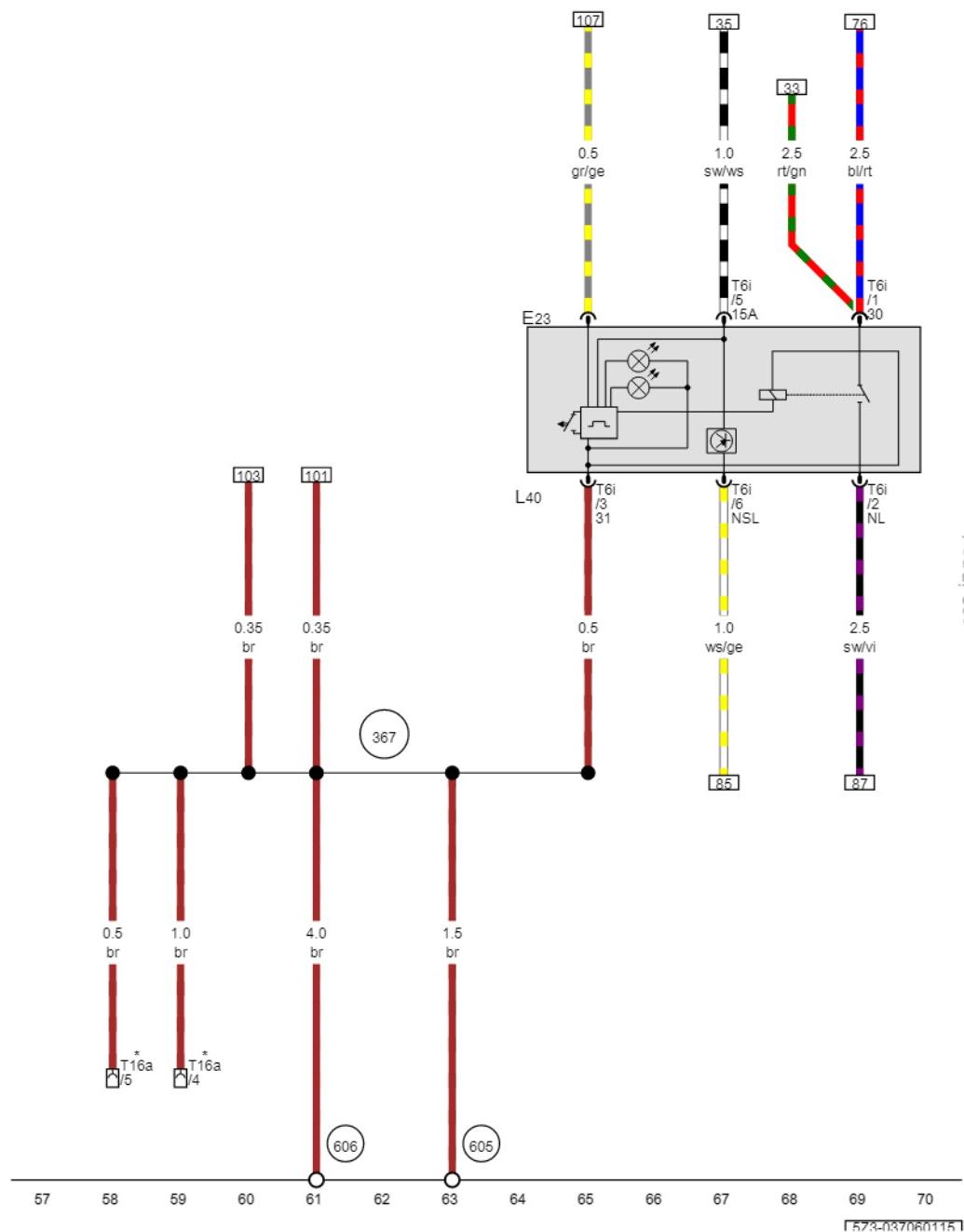
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



Light switch, Turn signal switch, Headlight dipper and flasher switch, Parking light switch, Horn plate, Horn activation contact ring

- | | |
|--|--|
| E1 | Light switch |
| E2 | Turn signal switch |
| E4 | Headlight dipper and flasher switch |
| E19 | Parking light switch |
| H | Horn plate |
| H1 | Horn or dual tone horn |
| H23 | Horn activation contact ring |
| J2 | Hazard warning light relay |
| J12 | Headlight main beam relay |
| J331 | Dipped beam relay |
| T1g | Single connector |
| T1h | Single connector |
| T2z | 2-pin connector |
| T9a | 9-pin connector |
| T9b | 9-pin connector |
| T9l | 9-pin connector |
| T12a | 12-pin connector |
|  678 | Earth point, on steering wheel |
|  B300 | Positive connection 4 (30), in main wiring harness |
|  B642 | Positive connection (58), in main wiring harness |
|  B727 | Connection (71a), in main wiring harness |
|  B728 | Connection (49a), in main wiring harness |
| *
** | Only models with multifunction steering wheel
Only CROSS models |

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink



Front and rear fog light switch, Front and rear fog light switch illumination bulb

- E23 Front and rear fog light switch
 - L40 Front and rear fog light switch illumination bulb
 - T6i 6-pin connector
 - T16a 16-pin connector

- 367 Earth connection 2, in main wiring harness

- 605 Earth point on top end of steering column

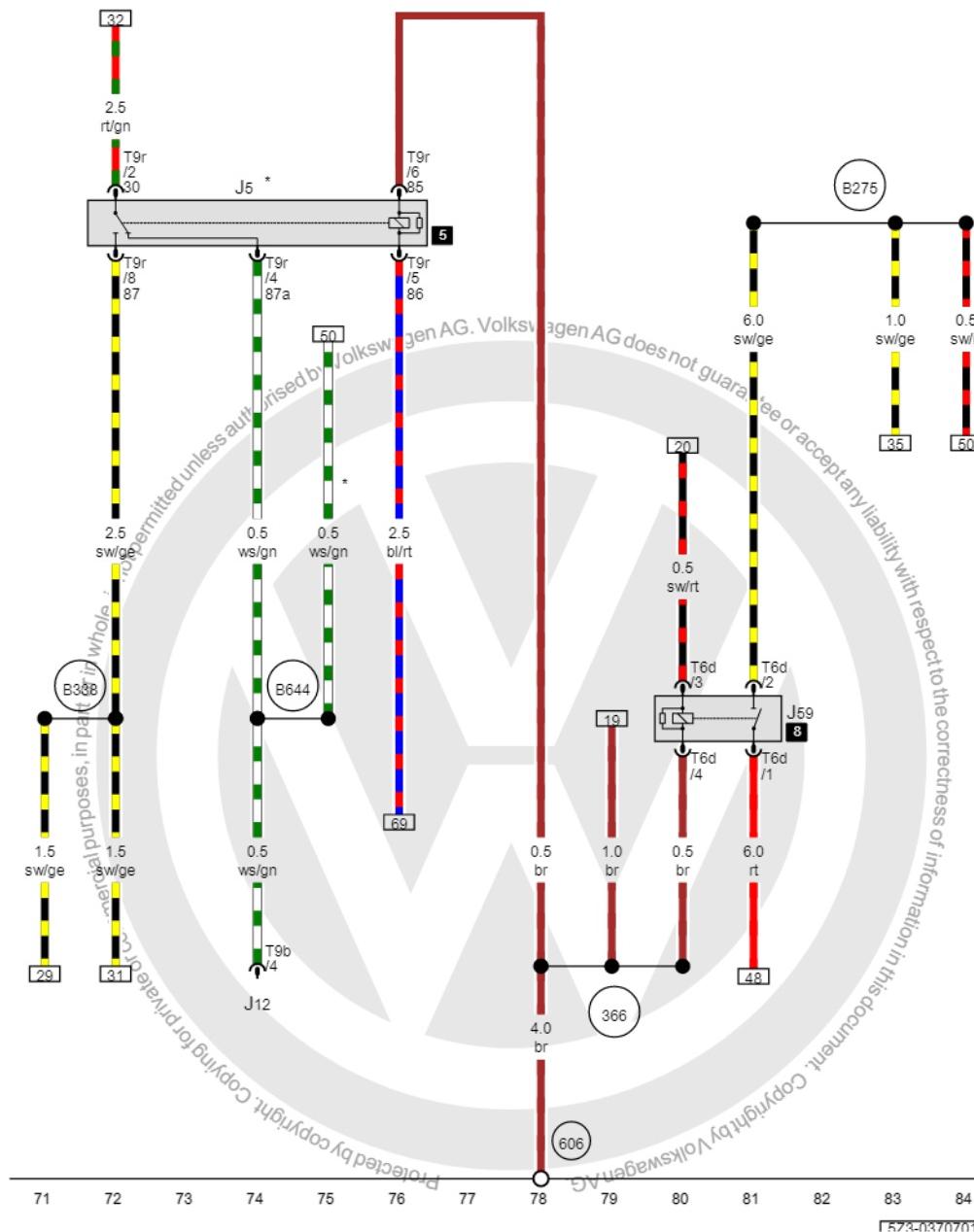
- 606 Earth point, under the centre console near gear stick

Diagnostic connection

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

Fog light relay, X-contact relief relay

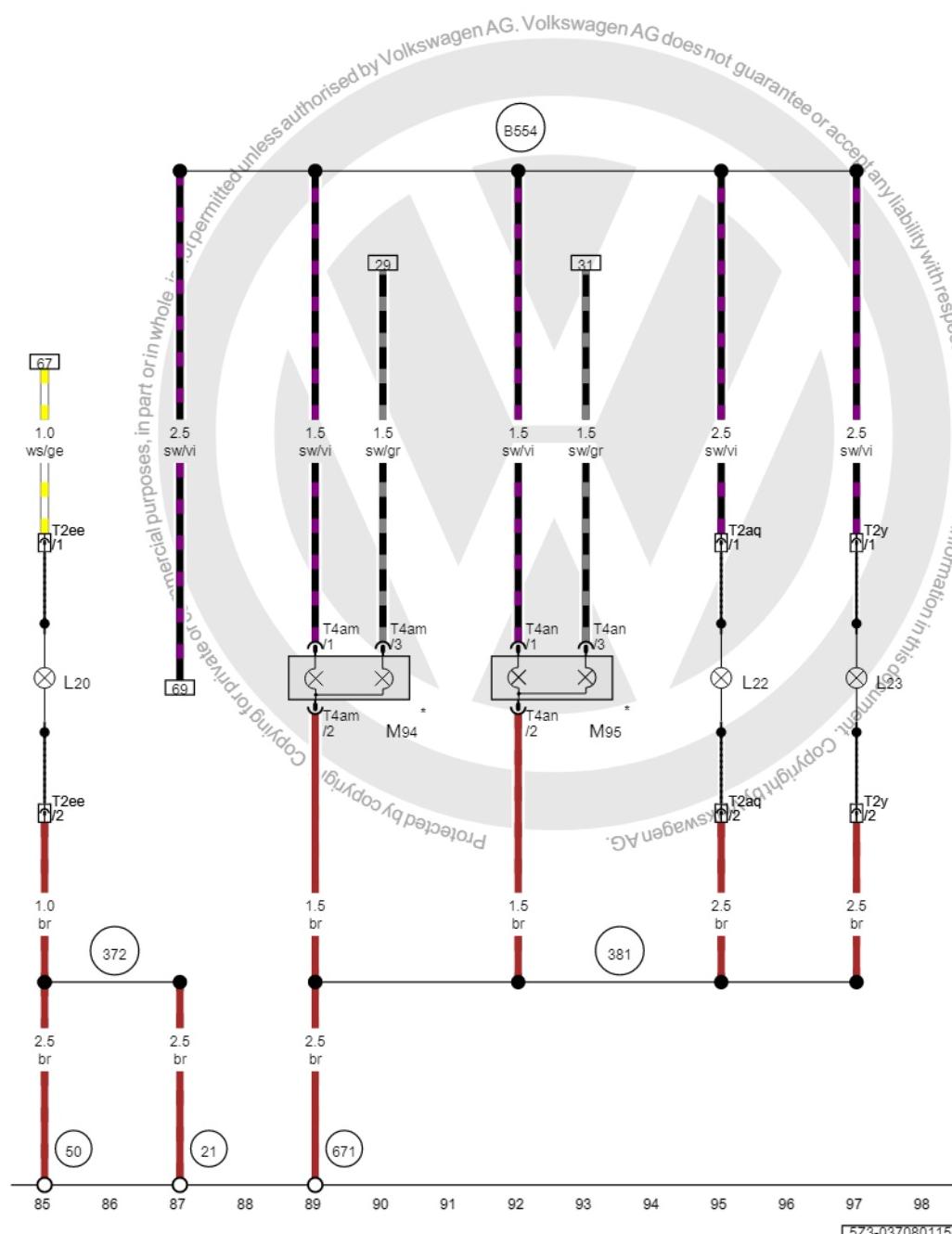
- J5 Fog light relay
 J12 Headlight main beam relay
 J59 X-contact relief relay
 T6d 6-pin connector
 T9b 9-pin connector
 T9r 9-pin connector
 366 Earth connection 1, in main wiring harness
 606 Earth point, under the centre console near gear stick
 B275 Positive connection (87), in main wiring harness
 B338 Connection 1 (56), in main wiring harness
 B644 Connection 3 (56a), in main wiring harness
 * Only CROSS models



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Protected by copyright. Copying for private use only.

Copyright by Volkswagen AG



Rear fog light bulb, Left fog light bulb, Right fog light bulb,
Left main beam headlight and fog light bulb, Right main
beam headlight and fog light bulb

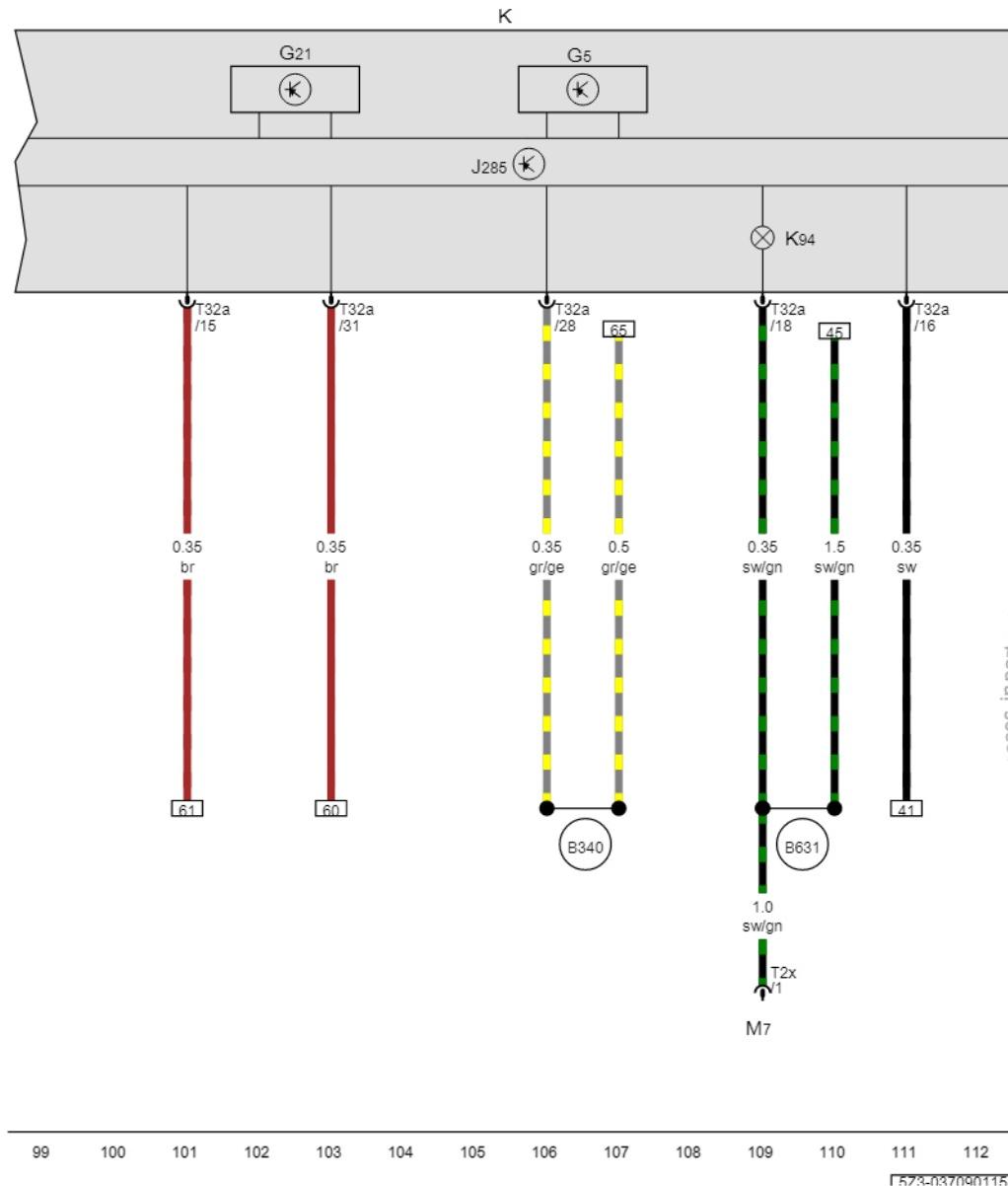
- L20 Rear fog light bulb
- L22 Left fog light bulb
- L23 Right fog light bulb
- M94 Left main beam headlight and fog light bulb
- M95 Right main beam headlight and fog light bulb
- T2aq 2-pin connector
- T2ee 2-pin connector
- T2y 2-pin connector
- T4am 4-pin connector
- T4an 4-pin connector
- 21 Earth point, near fuel pump
- 50 Earth point, on left in luggage compartment
- 372 Earth connection 7, in main wiring harness
- 381 Earth connection 16, in main wiring harness
- 671 Earth point 1, on front of left longitudinal member
- B554 Connection (fog light), in main wiring harness

* Only CROSS models

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

FZ73-0370801151

Rev. counter, Speedometer, Control unit in dash panel
insert, Dash panel insert, Right turn signal warning lamp



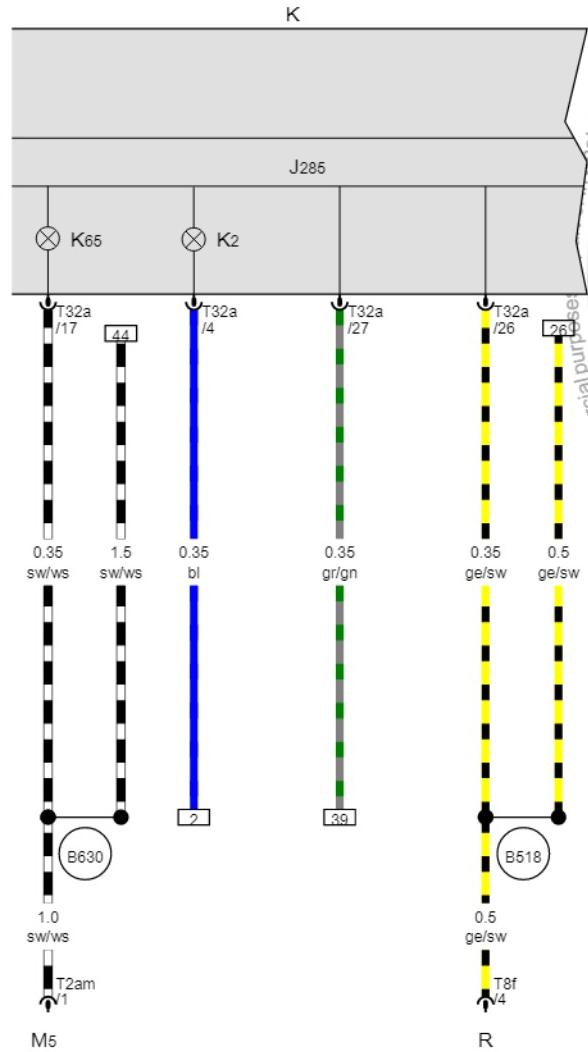
G5 Rev. counter
G21 Speedometer
J285 Control unit in dash panel insert
K Dash panel insert
K94 Right turn signal warning lamp
M7 Front right turn signal bulb
T2x 2-pin connector
T32a 32-pin connector

(B340) Connection 1 (58d), in main wiring harness

(B631) Positive connection (right turn signal bulb), in main wiring harness

Protected by Volkswagen AG. Copyright by Volkswagen AG.
This document is not permitted to be copied or reproduced in part or in whole, is not permitted for commercial purposes, in part or in whole, is not permitted unless authorised by Volkswagen AG. Volkswagen AG does not guarantee or accept any liability with respect to the correctness of information in this document.

Control unit in dash panel insert, Dash panel insert,
Alternator warning lamp, Left turn signal warning lamp



113 114 115 116 117 118 119 120 121 122 123 124 125 126

F573-0371001151

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

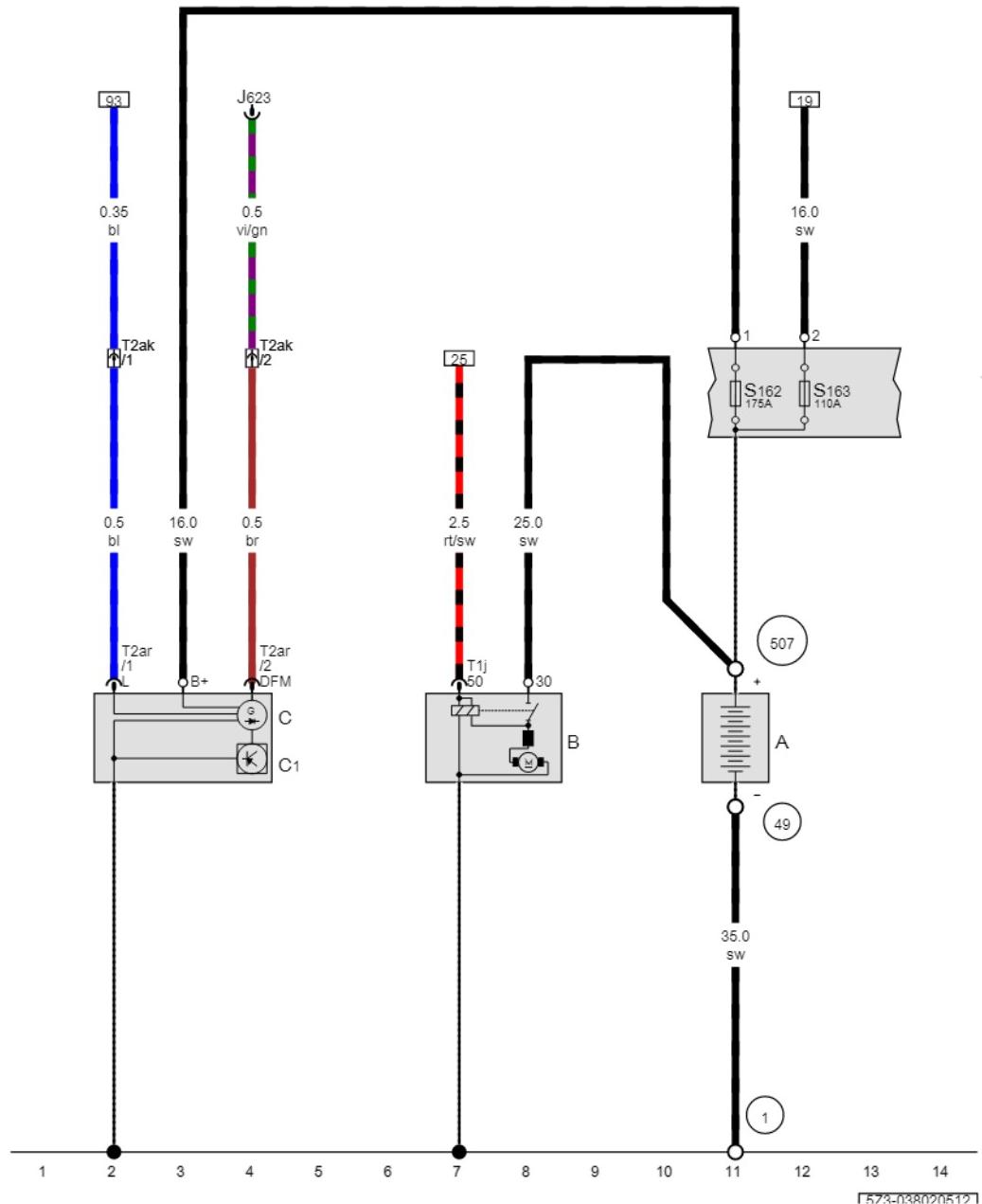


Multifunction steering wheel

From April 2012



Battery, Starter, Alternator, Voltage regulator



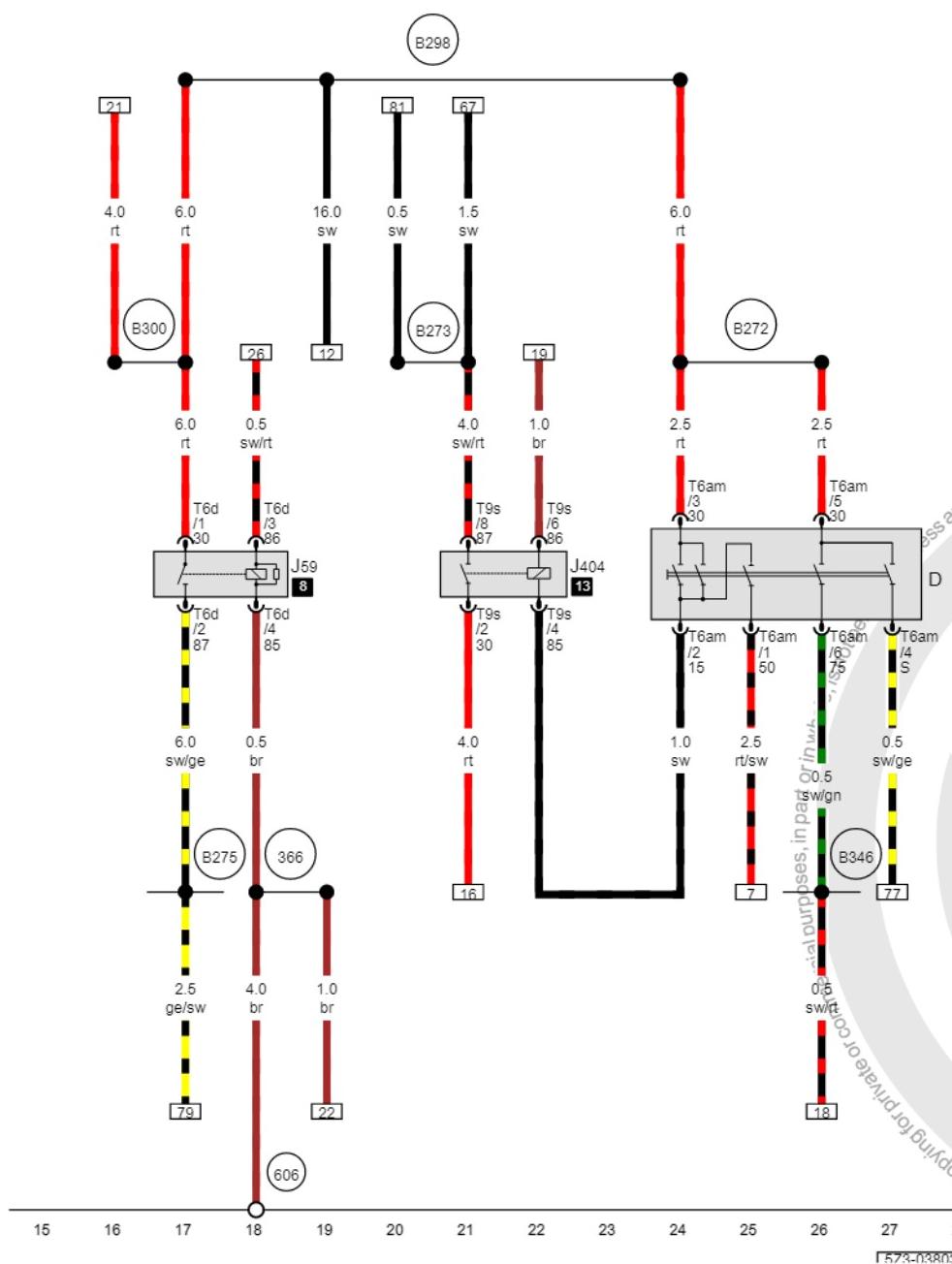
Protected by copyright. Copying for private purposes only is permitted unless authorised by Volkswagen AG. Volkswagen AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copying by Volkswagen AG.

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

F573-0380005121

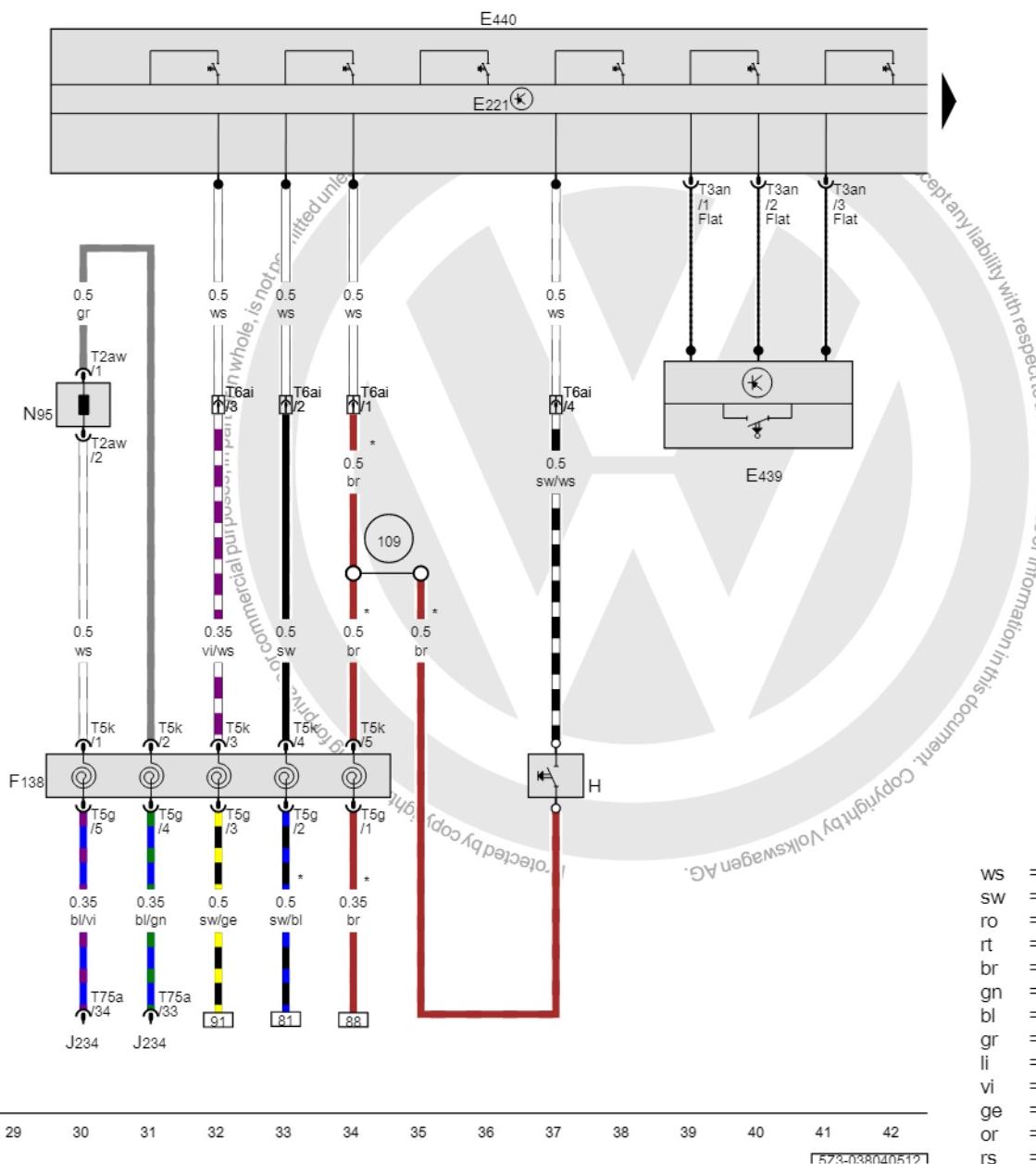
Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay

- D Ignition/starter switch
- J59 X-contact relief relay
- J404 Terminal 15 relief relay
- T6am 6-pin connector
- T6d 6-pin connector
- T9s 9-pin connector
- 366 Earth connection 1, in main wiring harness
- 606 Earth point, under the centre console near gear stick
- B272 Positive connection (30), in main wiring harness
- B273 Positive connection (15), in main wiring harness
- B275 Positive connection (87), in main wiring harness
- B298 Positive connection 2 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B346 Connection 1 (75), in main wiring harness



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 orange
 pink

Operating unit in steering wheel, Tiptronic switch in steering wheel to shift down, Multifunction buttons on left in steering wheel, Airbag coil connector and return ring with slip ring, Horn plate, Driver side airbag igniter



- E221 Operating unit in steering wheel
 E439 Tiptronic switch in steering wheel to shift down
 E440 Multifunction buttons on left in steering wheel
 F138 Airbag coil connector and return ring with slip ring
 H Horn plate
 J234 Airbag control unit
 N95 Driver side airbag igniter
 T2aw 2-pin connector
 T3an 3-pin connector
 T5g 5-pin connector
 T5k 5-pin connector
 T6ai 6-pin connector
 T75a 75-pin connector

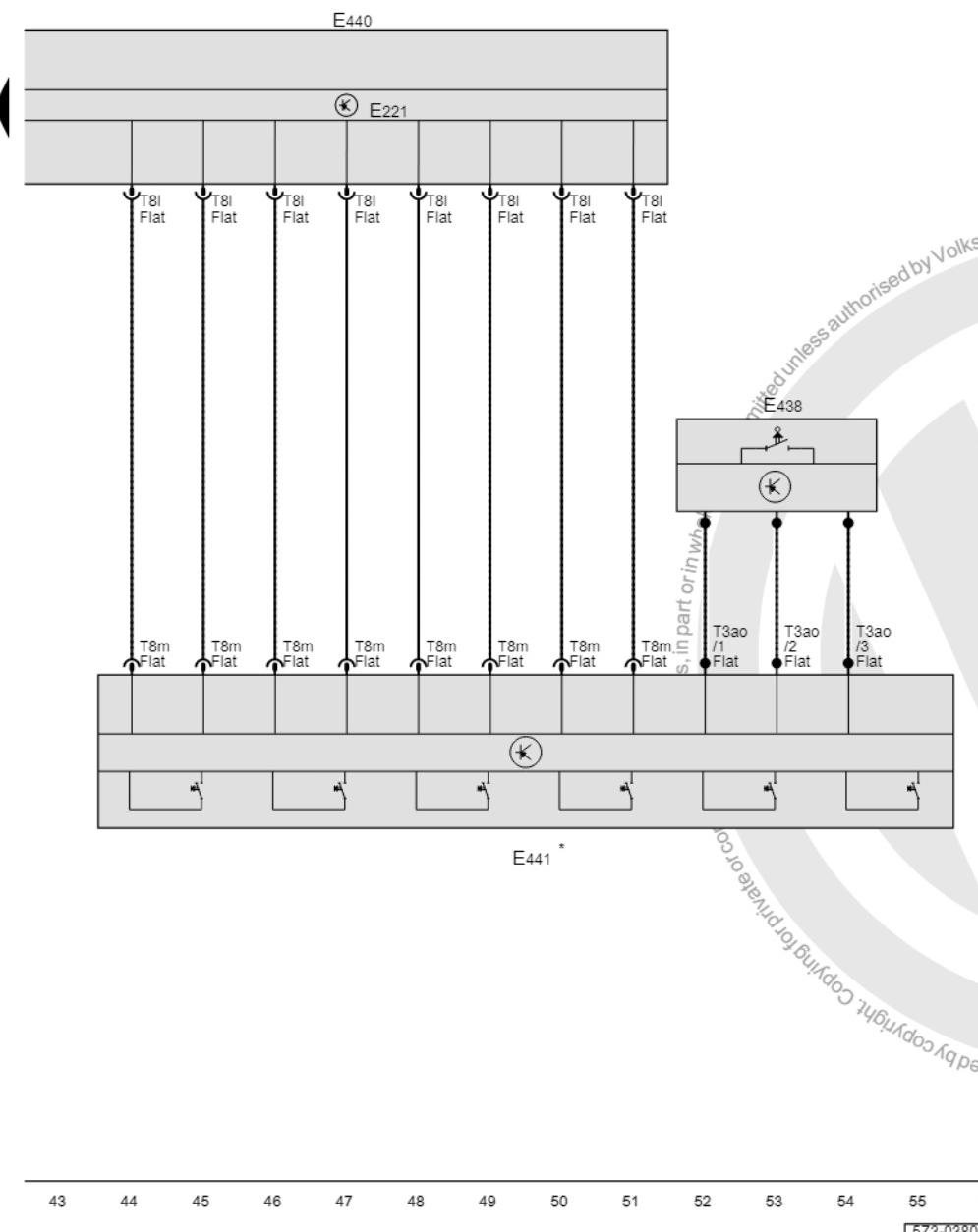
109 Earth connection, in airbag wiring harness

* Only models with operating unit for radio

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

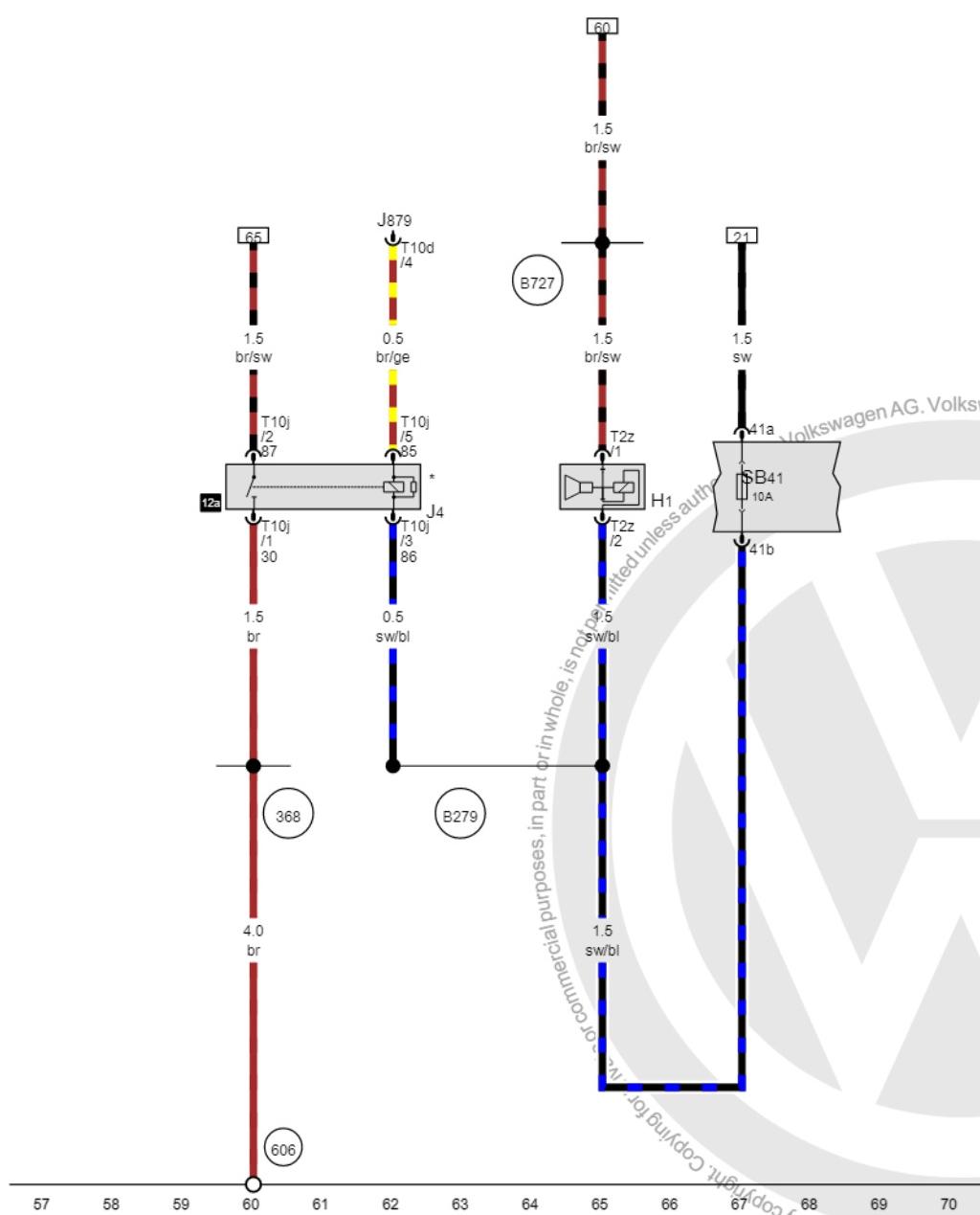
Operating unit in steering wheel, Tiptronic switch in steering wheel to shift up, Multifunction buttons on left in steering wheel, Multifunction buttons on right in steering wheel

- E221 Operating unit in steering wheel
- E438 Tiptronic switch in steering wheel to shift up
- E440 Multifunction buttons on left in steering wheel
- E441 Multifunction buttons on right in steering wheel
- T3ao 3-pin connector
- T8l 8-pin connector
- T8m 8-pin connector
- * For models with interactive system



ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

Horn or dual tone horn, Dual tone horn relay



H1 Horn or dual tone horn

J4 Dual tone horn relay

J879 Control unit for interactive system

SB41 Fuse 41 on fuse

T2z 2-pin connector

T10d 10-pin connector

110j 10-pin connector

368 Earth connection 3, in main wiring harness

606 Earth point, under the centre console near gear stick

B279 Positive connection 3 (15a) in main wiring harness

(B727) Connection (71a), in main wiring harness

Only models with airbag

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

Fuse 2 on fuse holder C, Fuse 6 on fuse holder C, Fuse 21 on fuse holder C

J48 Heated rear window control relay

R Radio

SC2 Fuse 2 on fuse holder C

SC6 Fuse 6 on fuse holder C

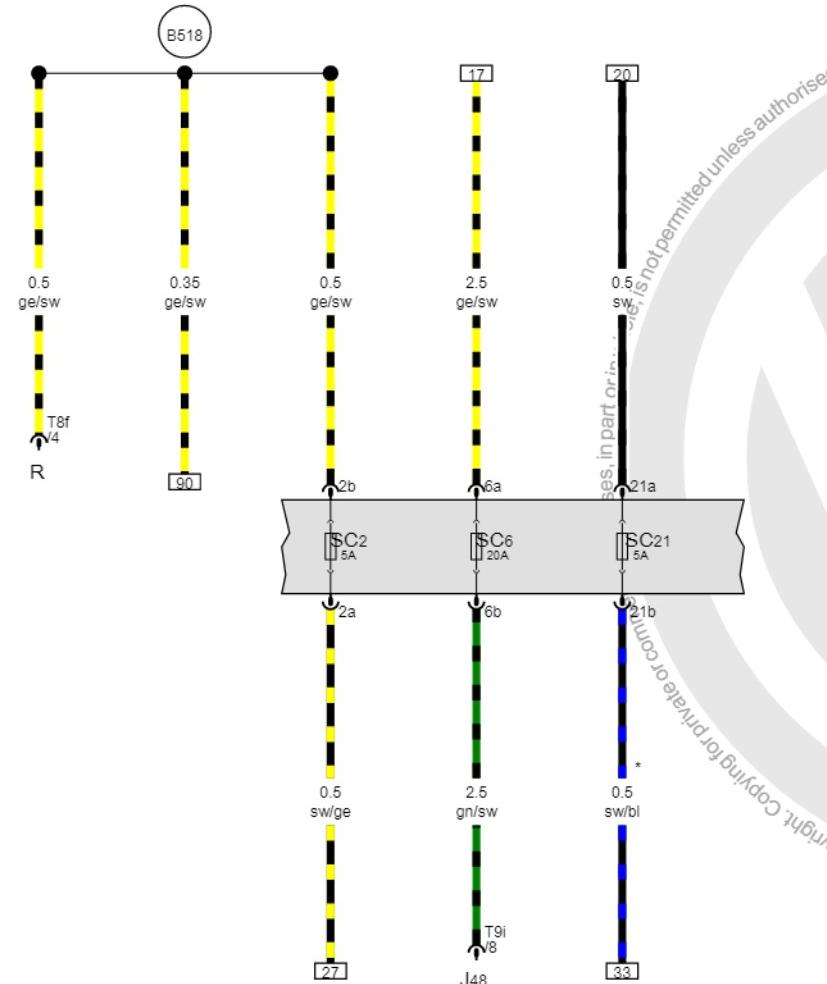
SC21 Fuse 21 on fuse holder C

T8f 8-pin connector

T9i 9-pin connector

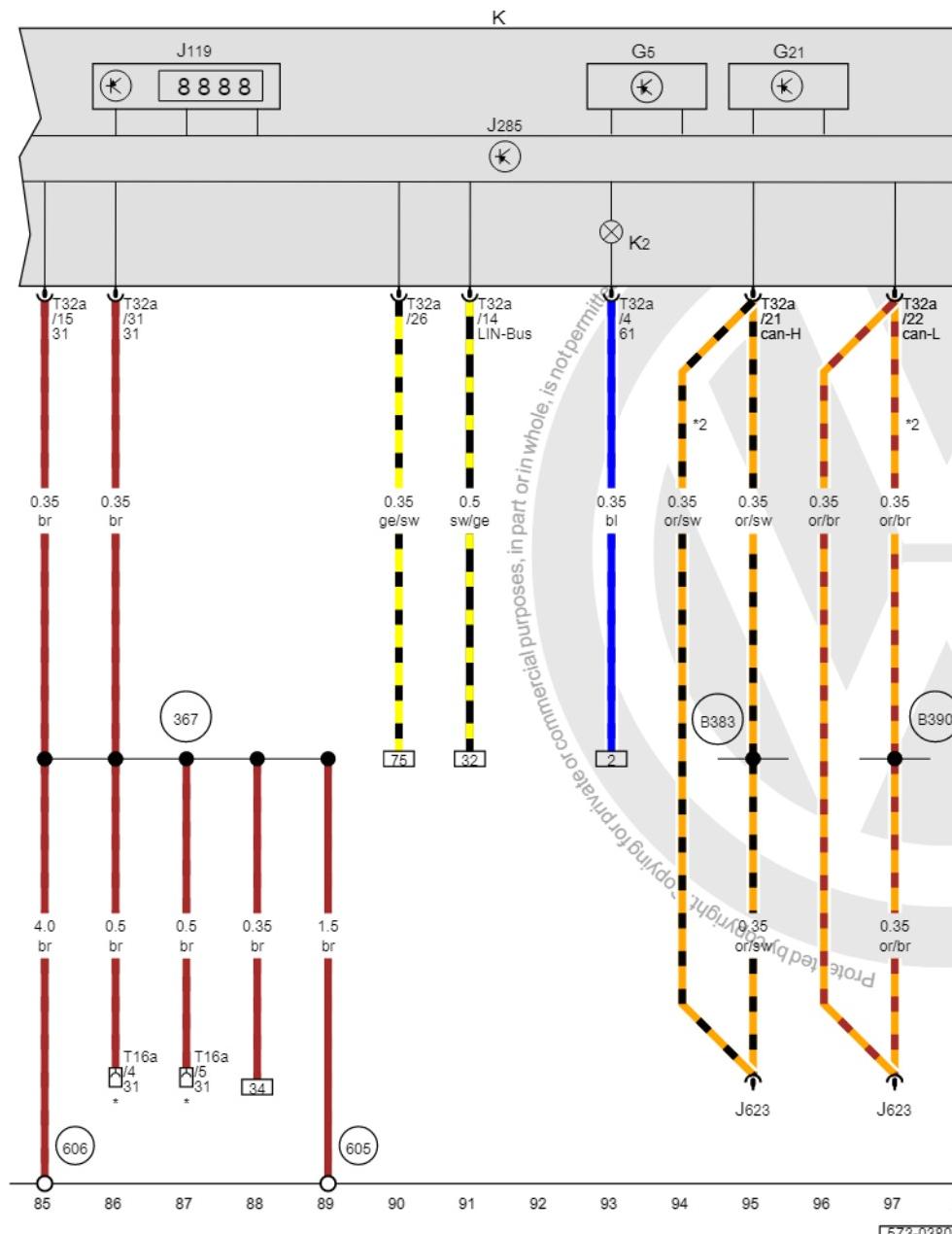
B518 Connection (86s), in main wiring harness

* Only models with operating unit for radio



ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

Rev. counter, Speedometer, Multifunction indicator, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp



- G5 Rev. counter
 G21 Speedometer
 J119 Multifunction indicator
 J285 Control unit in dash panel insert
 J623 Engine control unit
 K Dash panel insert
 K2 Alternator warning lamp
 T16a 16-pin connector
 T32a 32-pin connector
 367 Earth connection 2, in main wiring harness
 605 Earth point, on top end of steering column
 606 Earth point, under the centre console near gear stick
 B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
 B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
 * Diagnostic connection
 *2 Only models with basic equipment

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

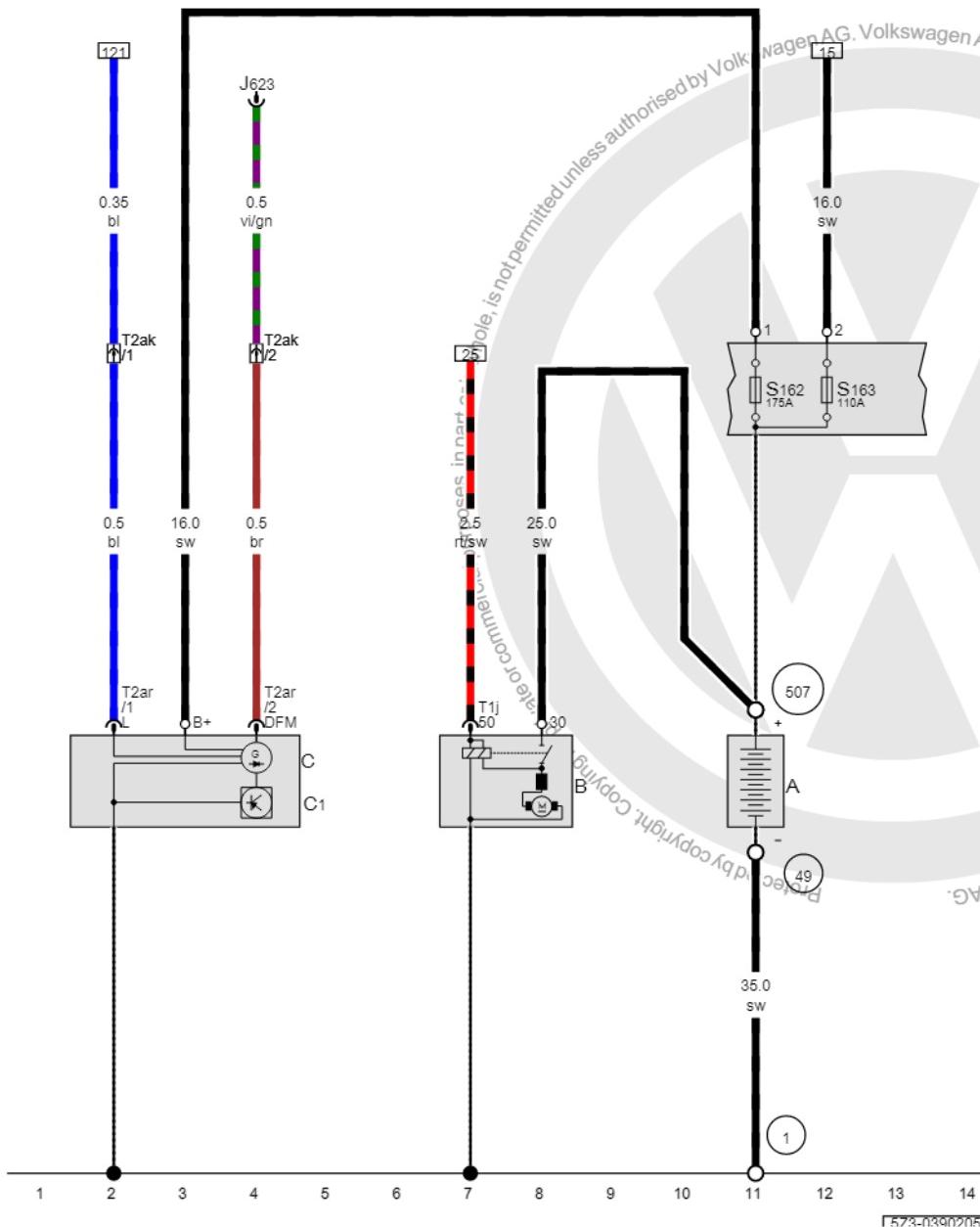
System for lowering passenger side mirror

From April 2012



Battery, Starter, Alternator, Voltage regulator

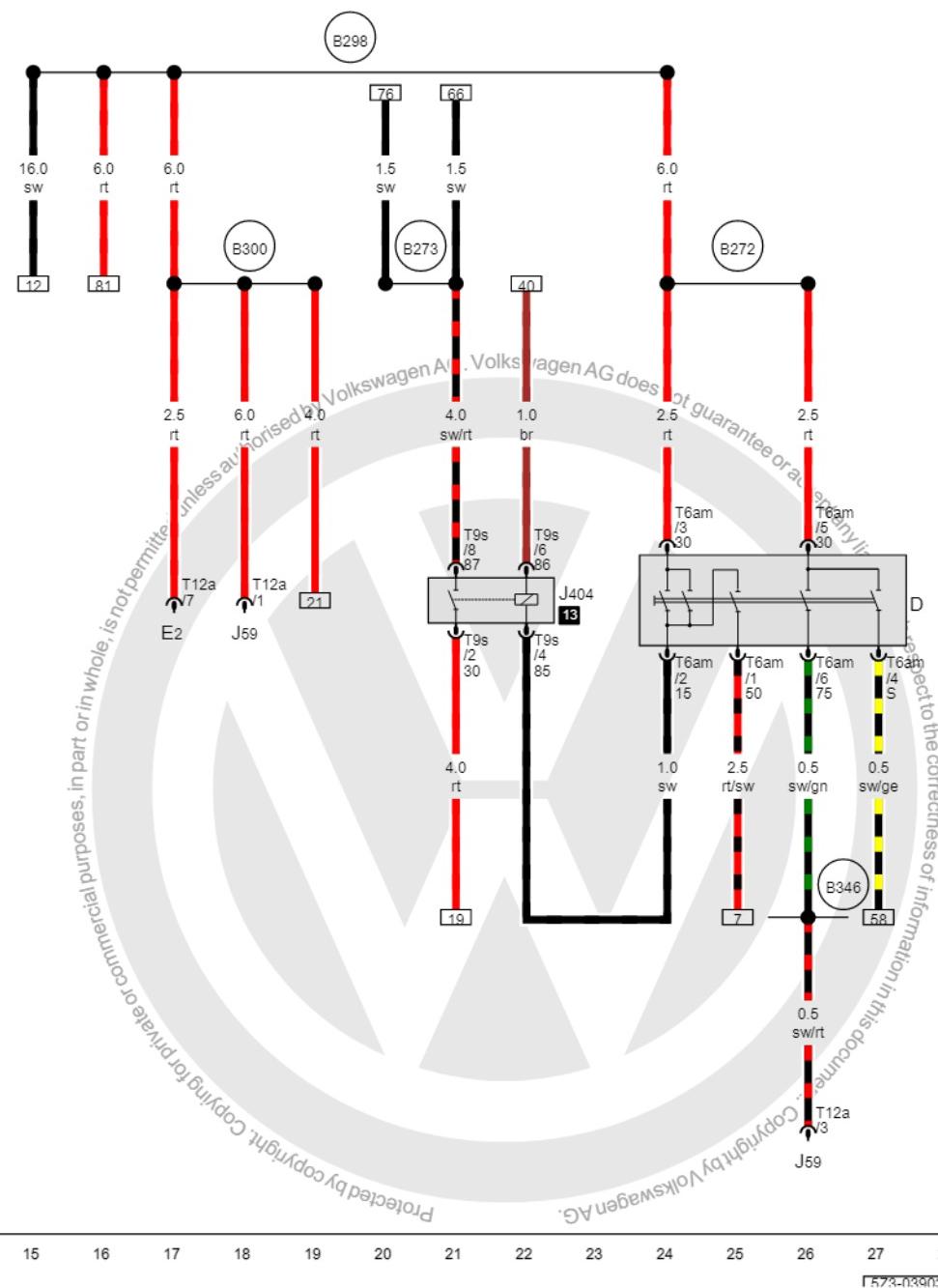
- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector, on left in engine compartment
- T2ar 2-pin connector
- 1 Earth strap, battery - body
- 49 Earth point, near ...
- 507 Threaded connection (30), on battery fuse holder



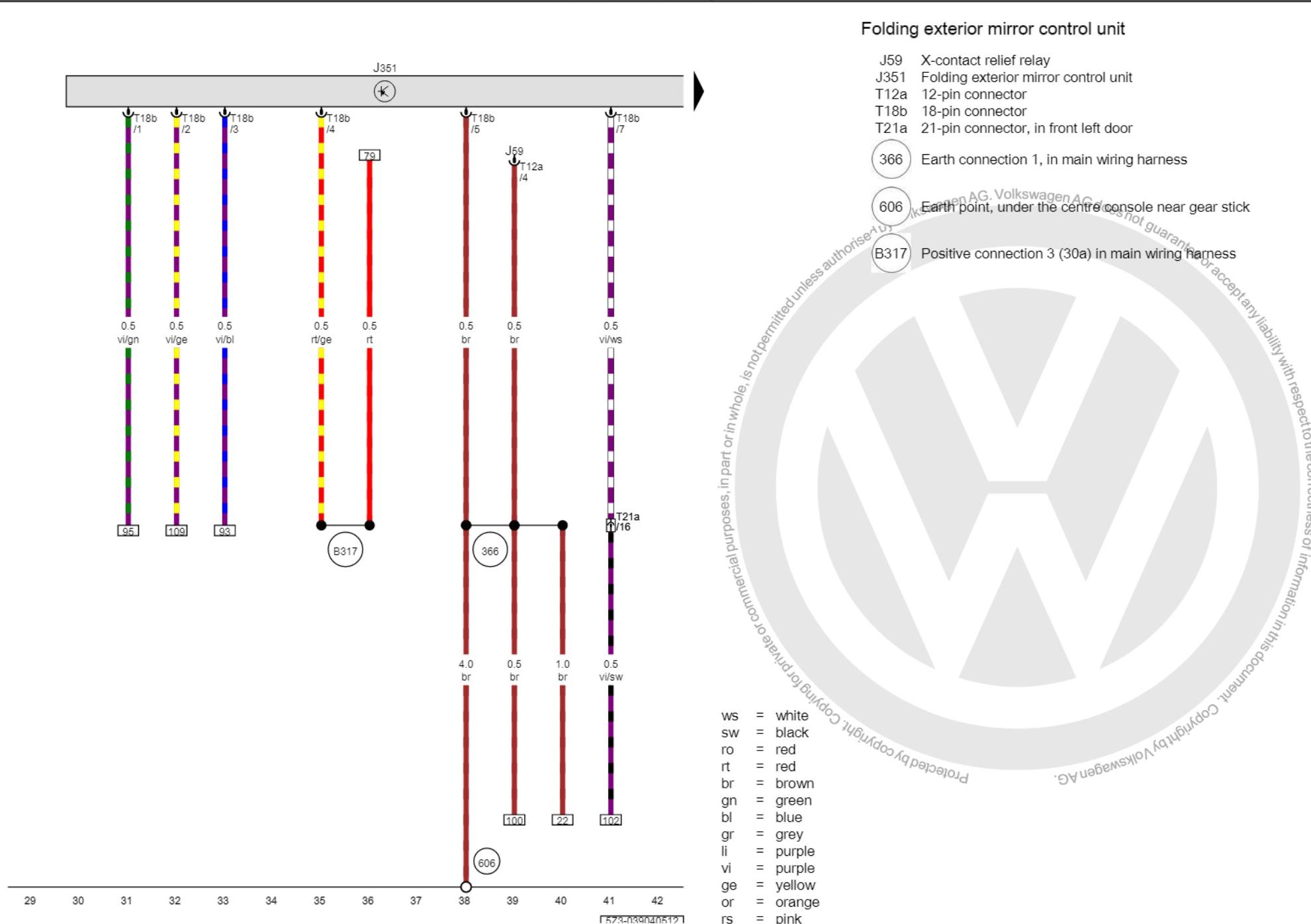
ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

Ignition/starter switch, Terminal 15 relief relay

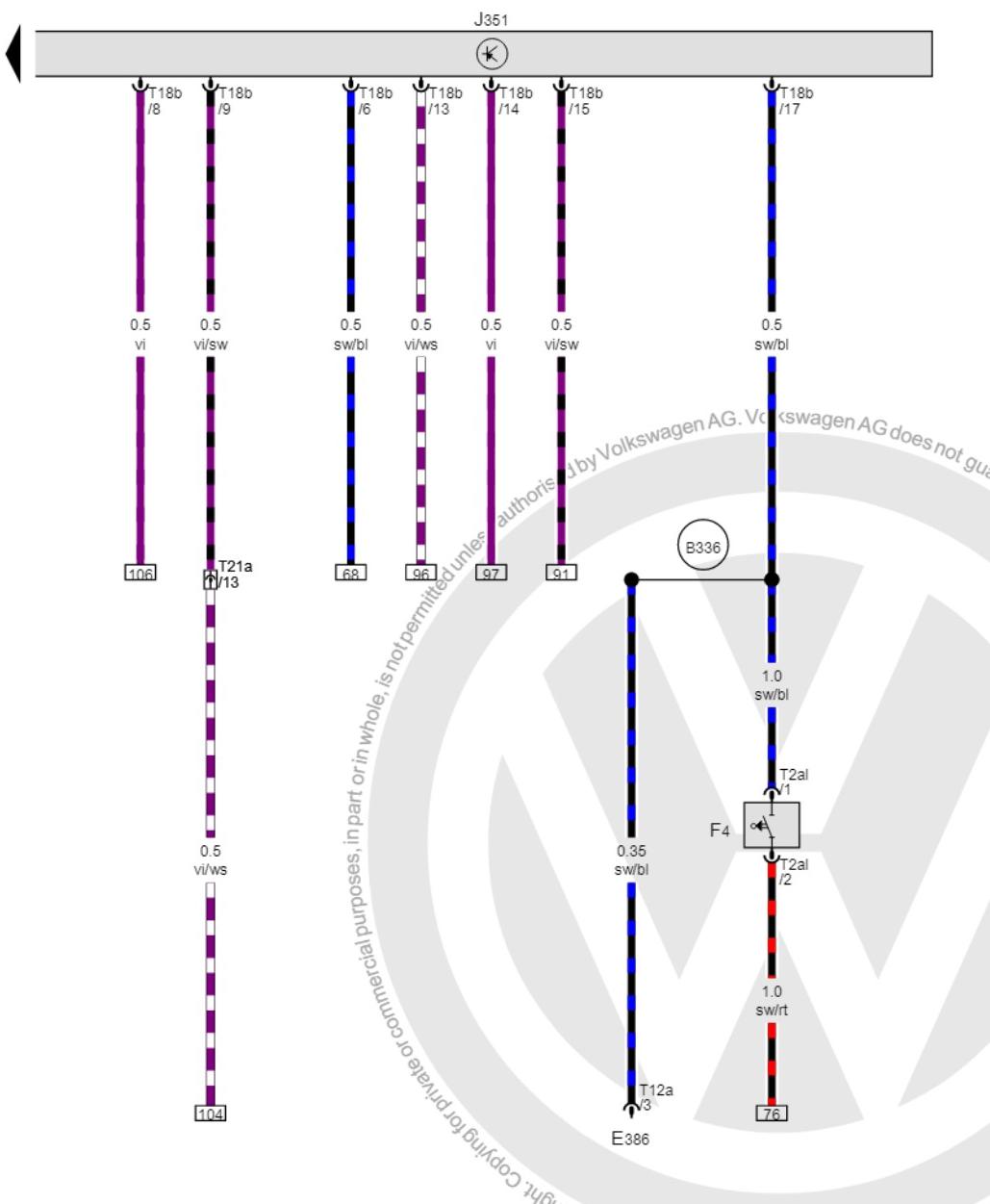
- D Ignition/starter switch
 E2 Turn signal switch
 J59 X-contact relief relay
 J404 Terminal 15 relief relay
 T6am 6-pin connector
 T9s 9-pin connector
 T12a 12-pin connector
 B272 Positive connection (30), in main wiring harness
 B273 Positive connection (15), in main wiring harness
 B298 Positive connection 2 (30), in main wiring harness
 B300 Positive connection 4 (30), in main wiring harness
 B346 Connection 1 (75), in main wiring harness



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

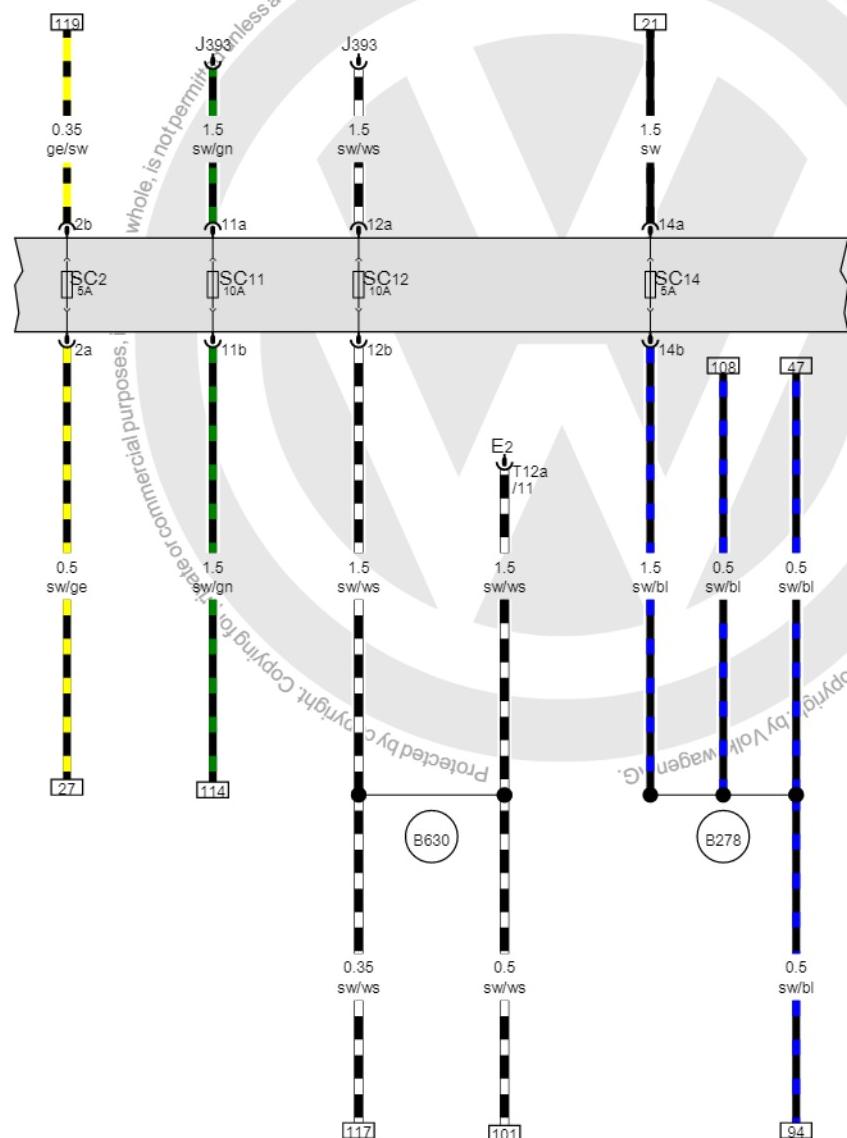


Reversing light switch, Folding exterior mirror control unit



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 lp = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Fuse 2 on fuse holder C, Fuse 11 on fuse holder C, Fuse 12 on fuse holder C, Fuse 14 on fuse holder C



E2 Turn signal switch

J393 Convenience system central control unit

SC2 Fuse 2 on fuse holder C

SC11 Fuse 11 on fuse holder C

SC12 Fuse 12 on fuse holder C

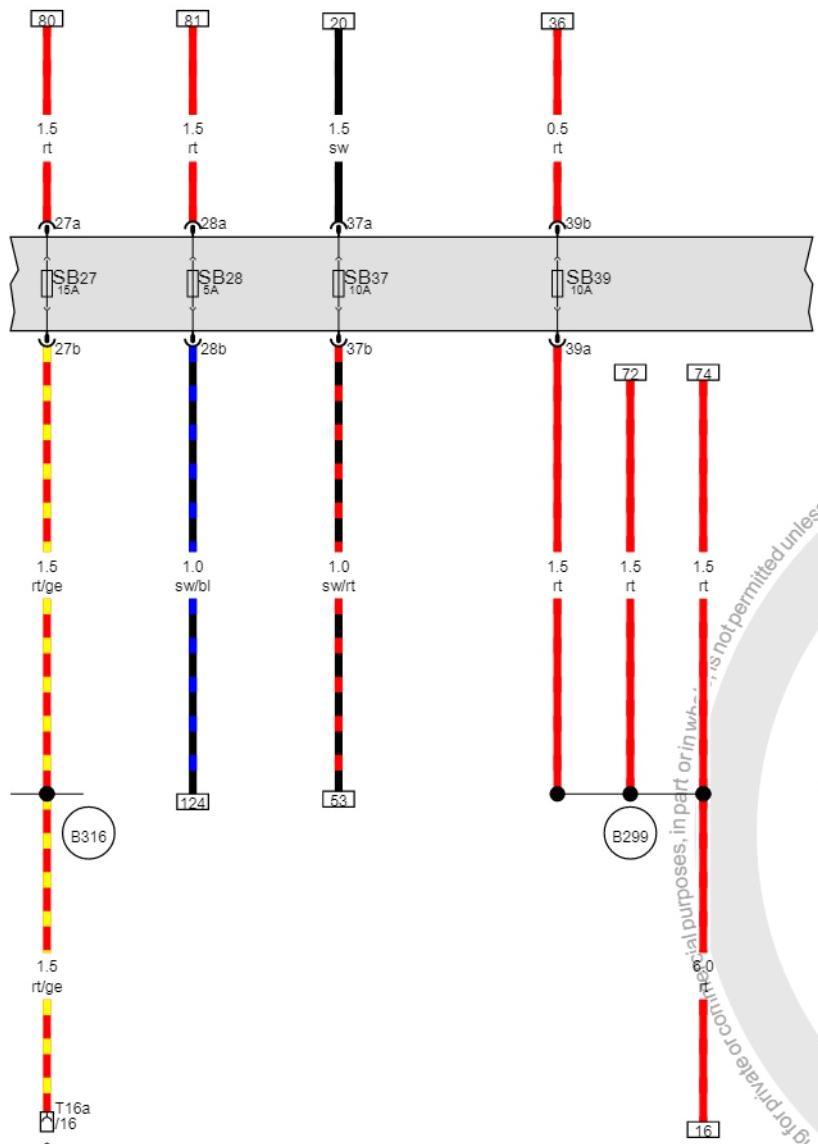
SC14 Fuse 14 on fuse holder C

T12a 12-pin connector

(B278) Positive connection 2 (15a) in main wiring harness

(B630) Positive connection (left turn signal bulb), in main wiring harness

Fuse 27 on fuse holder B, Fuse 28 on fuse holder B, Fuse 37 on fuse holder B, Fuse 39 on fuse holder B



SB27 Fuse 27 on fuse holder B

SB28 Fuse 28 on fuse holder B

SB37 Fuse 37 on fuse holder B

SB39 Fuse 39 on fuse holder B

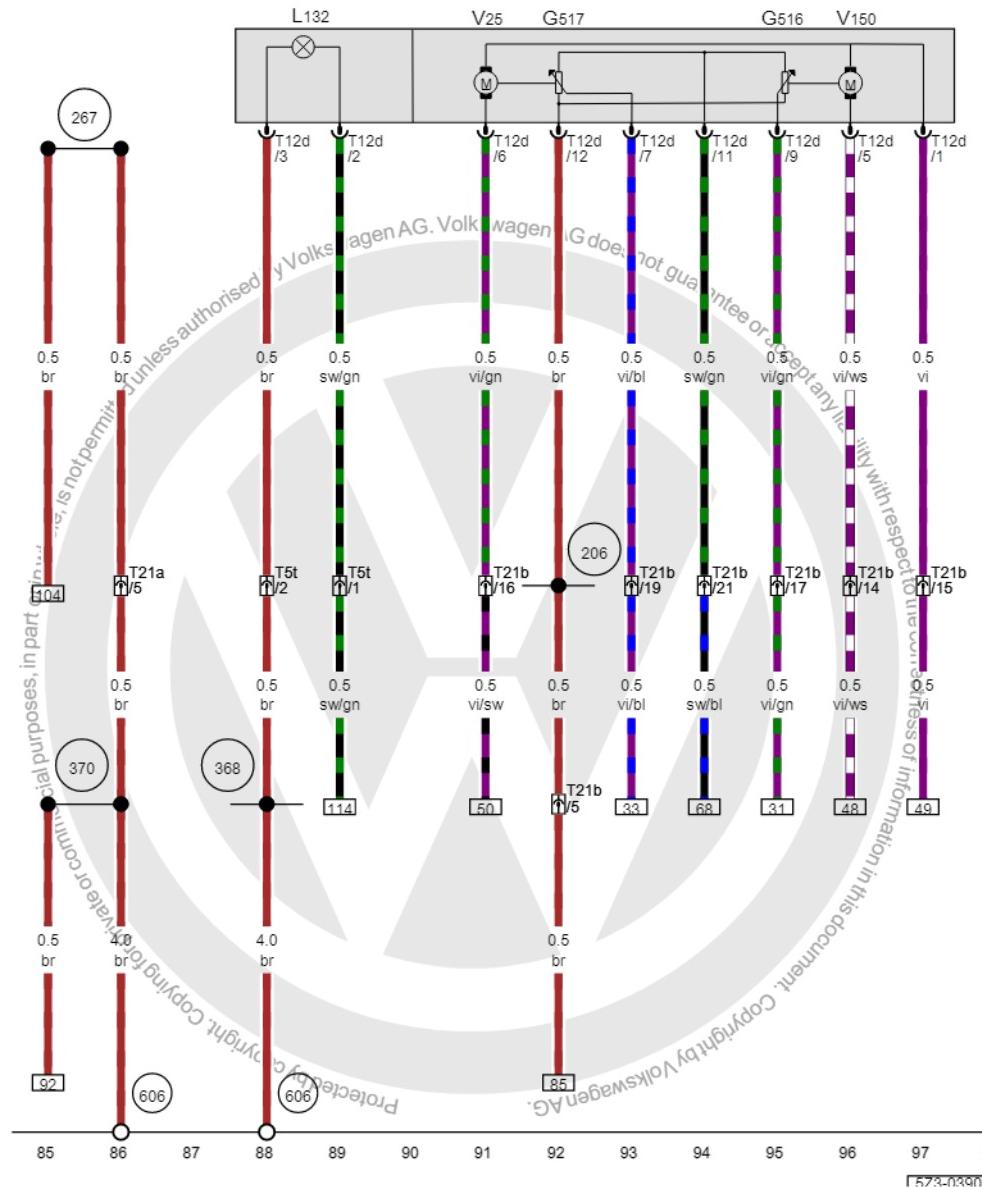
T16a 16-pin connector

(B299) Positive connection 3 (30), in main wiring harness

(B316) Positive connection 2 (30a) in main wiring harness

* Diagnostic connection

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
si	= pink

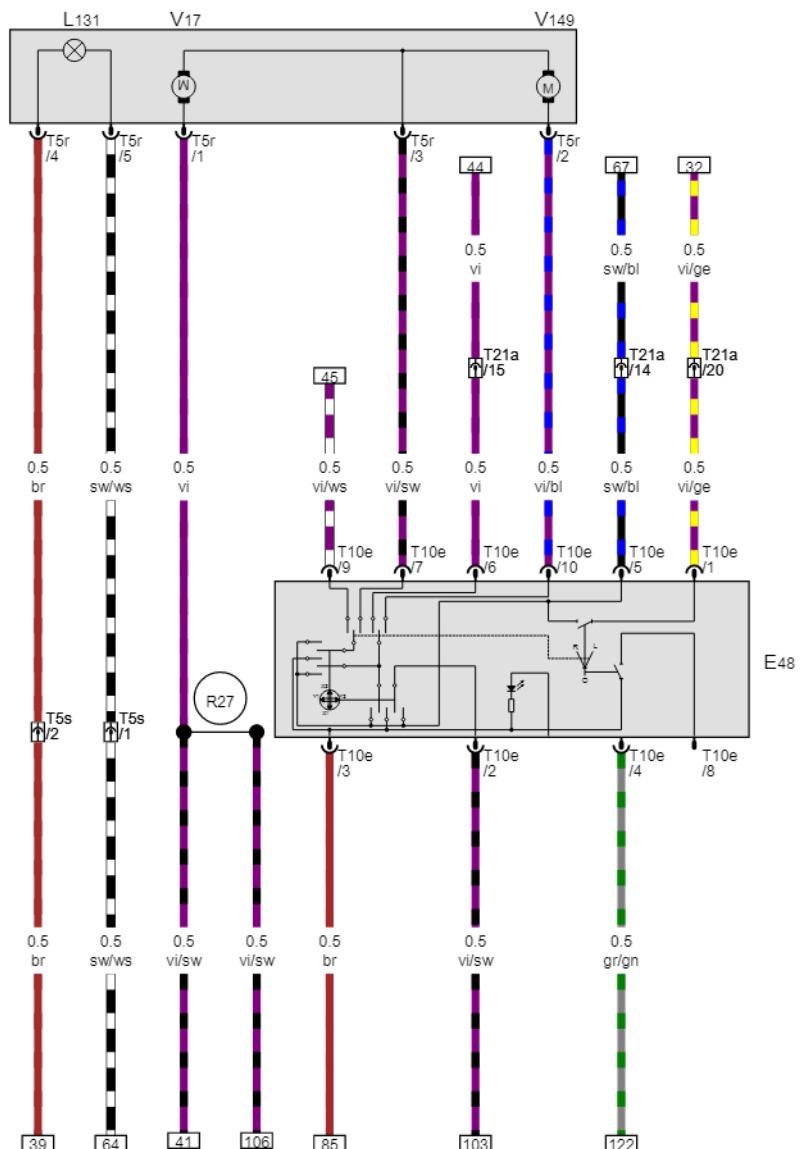


Potentiometer for horizontal adjustment of front passenger side mirror, Potentiometer for vertical adjustment of front passenger side mirror, Front passenger side turn signal repeater bulb, Front passenger side mirror adjustment motor, Front passenger side mirror adjustment motor

- G516 Potentiometer for horizontal adjustment of front passenger side mirror
- G517 Potentiometer for vertical adjustment of front passenger side mirror
- L132 Front passenger side turn signal repeater bulb
- T5t 5-pin connector
- T12d 12-pin connector
- T21a 21-pin connector, in front left door
- T21b 21-pin connector
- V25 Front passenger side mirror adjustment motor
- V150 Front passenger side mirror adjustment motor
- 206 Earth connection, in front passenger door wiring harness
- 267 Earth connection 2, in drive side door wiring harness
- 368 Earth connection 3, in main wiring harness
- 370 Earth connection 5, in main wiring harness
- 606 Earth point, under the centre console near gear stick

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

Mirror adjustment changeover switch, Driver side turn signal repeater bulb, Driver side mirror adjustment motor



E48 Mirror adjustment changeover switch

L131 Driver side turn signal repeater bulb

T5r 5-pin connector

T5s 5-pin connector

T10e 10-pin connector

T21a 21-pin connector, in front left door

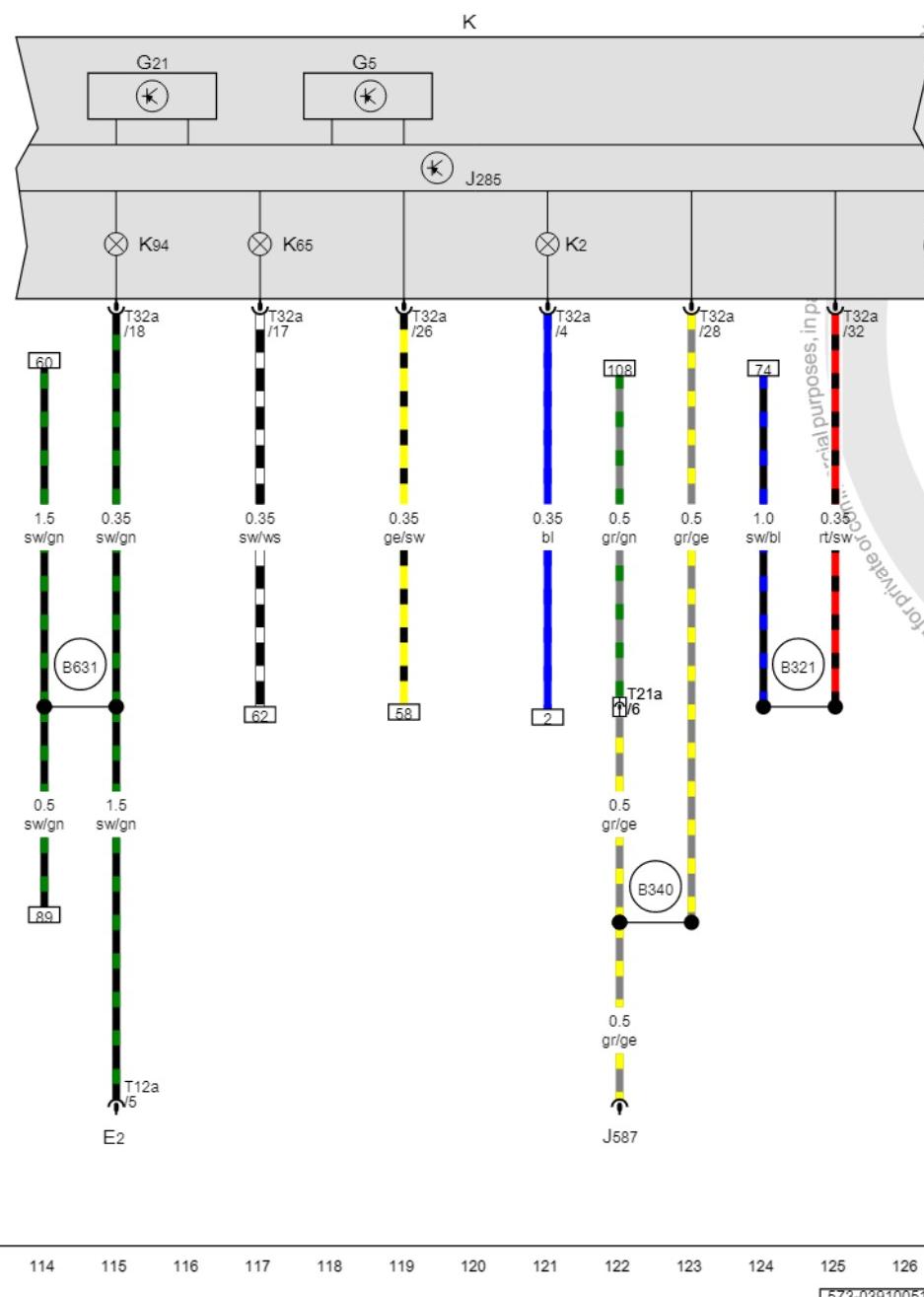
V17 Driver side mirror adjustment motor

V149 Driver side mirror adjustment motor

R27 Connection (mirror adjustment), in driver door wiring harness

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
ow = orange
or = pink
rs = pink

Rev. counter, Speedometer, Control unit in dash panel
insert, Dash panel insert, Alternator warning lamp, Left turn
signal warning lamp, Right turn signal warning lamp



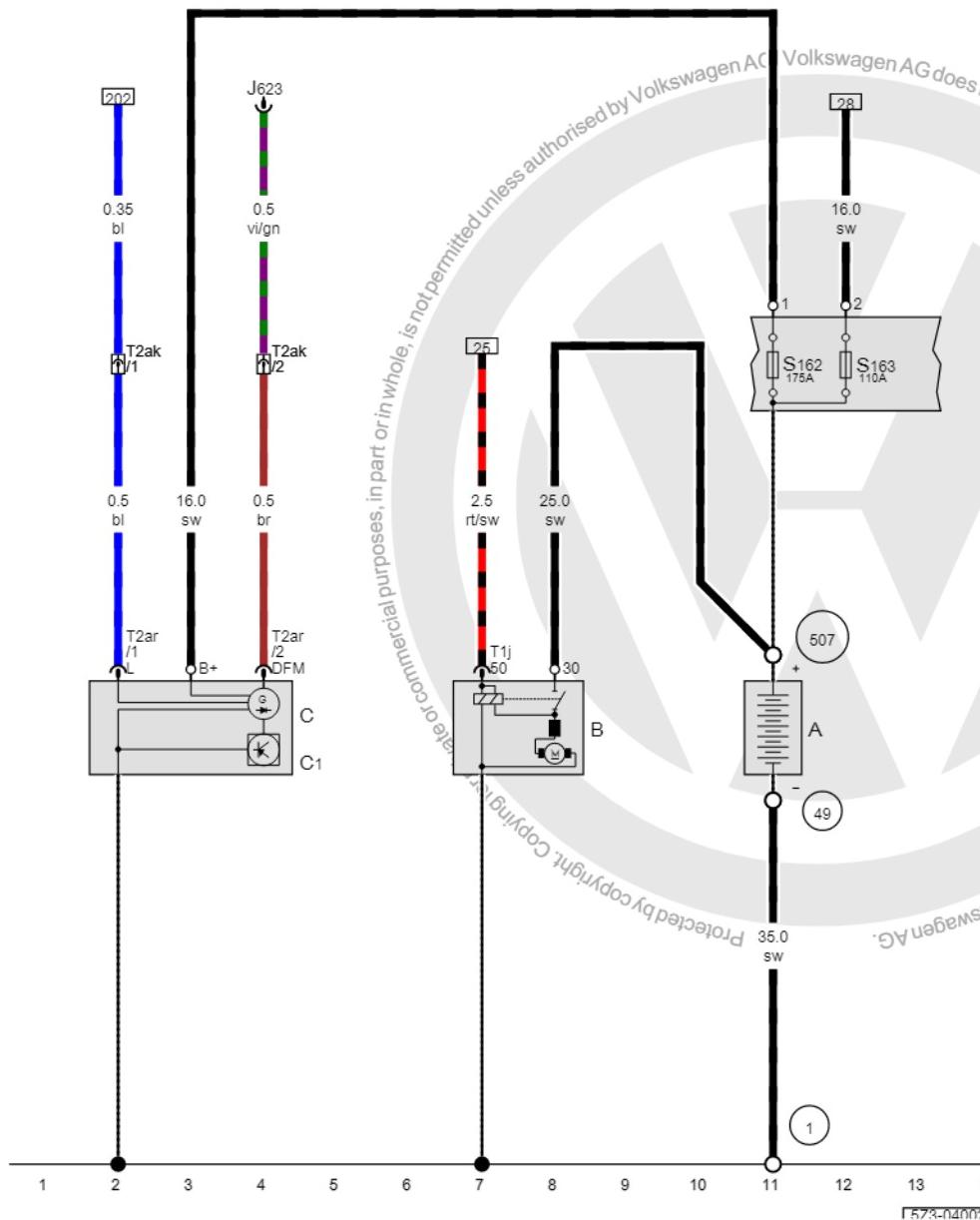
ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

Coming home/leaving home function with rain sensor

From April 2012



Battery, Starter, Alternator, Voltage regulator



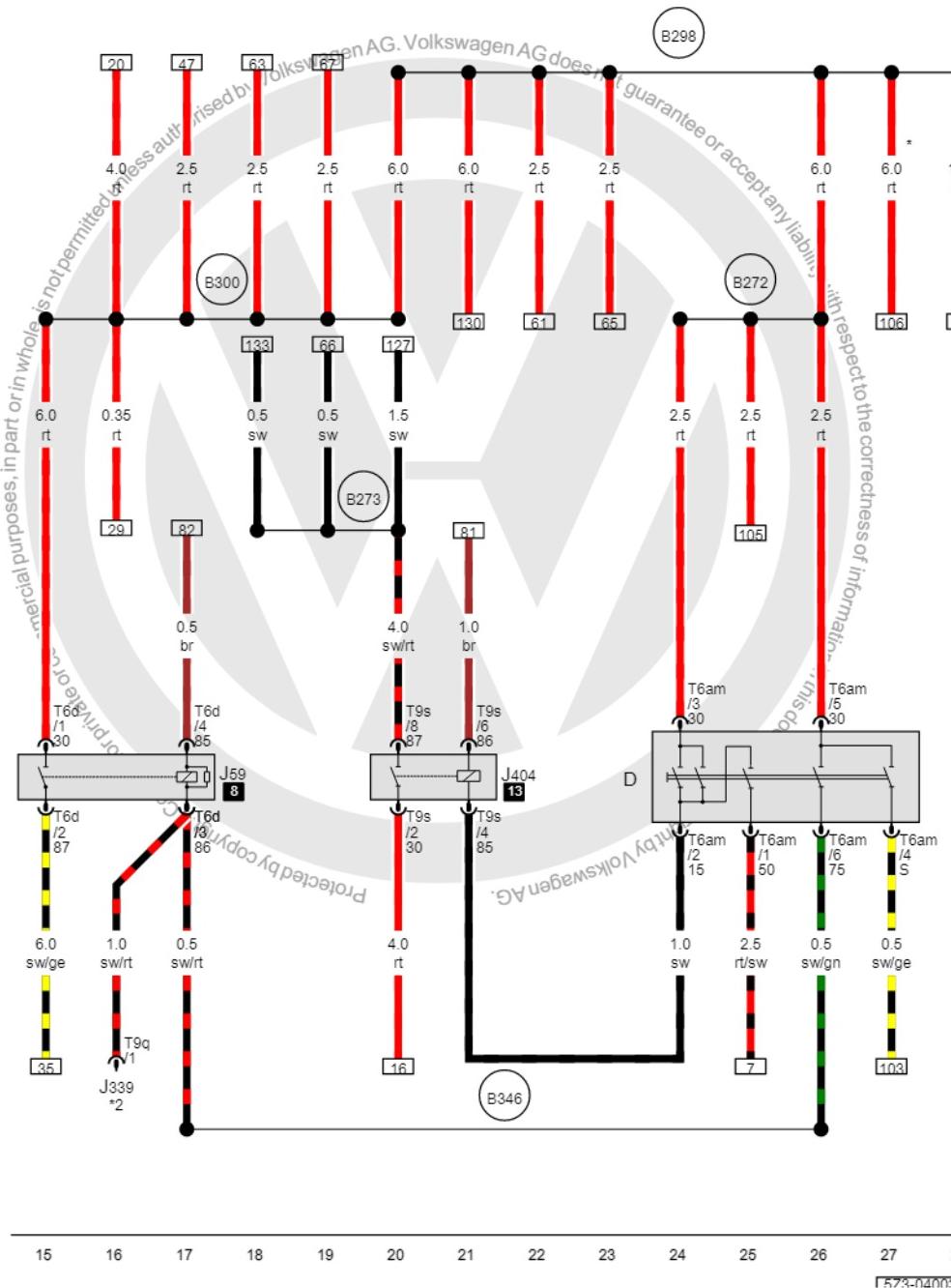
ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

- A Battery
 - B Starter
 - C Alternator
 - C1 Voltage regulator
 - J623 Engine control unit
 - S162 Fuse 1 (30), in battery fuse holder
 - S163 Fuse 2 (30), in battery fuse holder
 - T1j Single connector
 - T2ak 2-pin connector, on left in engine compartment
 - T2ar 2-pin connector

1 Earth strap, battery - body

49 Earth point, near ..., near battery

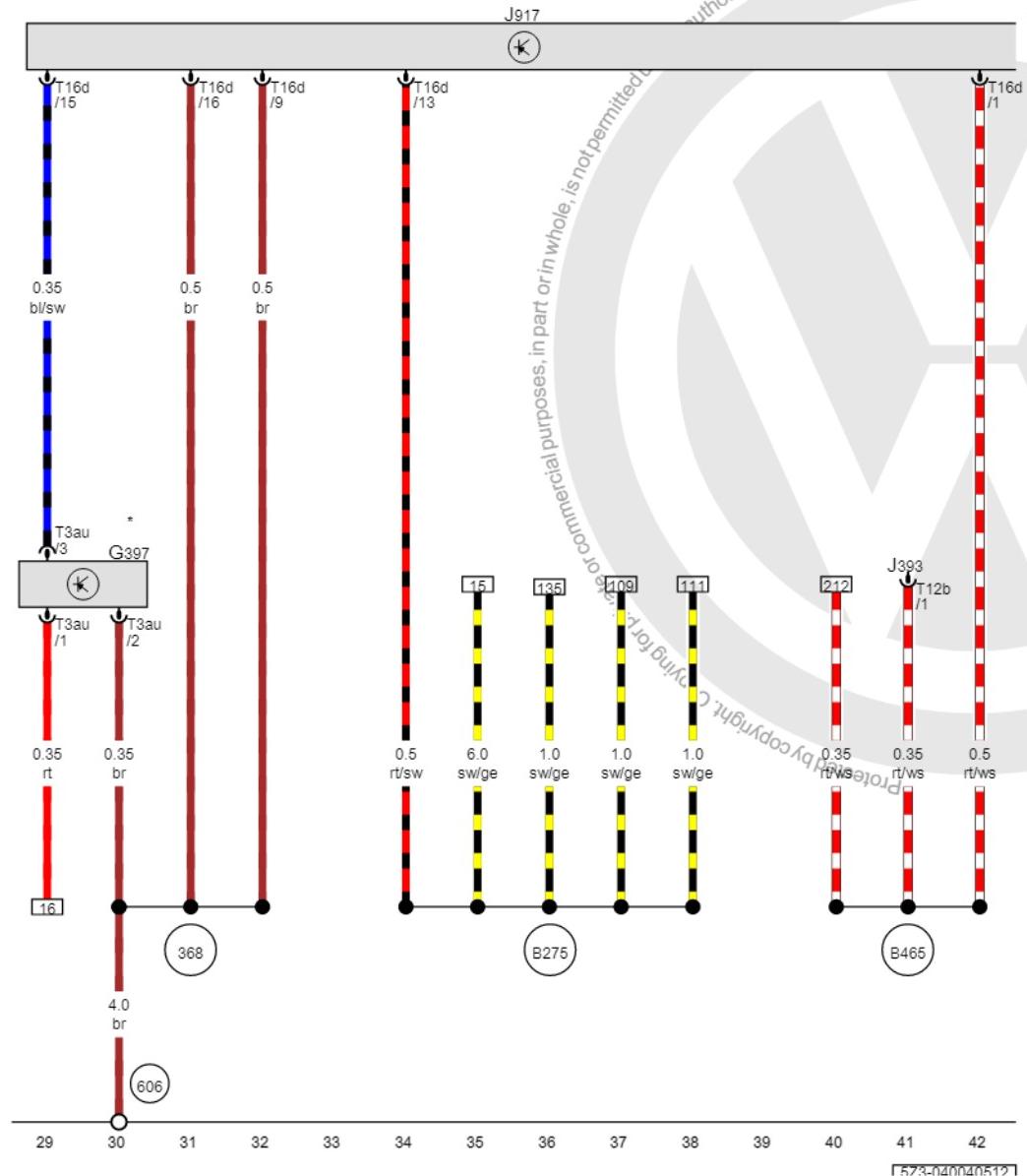
507 Threaded connection (30), on battery fuse holder



Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay

- | | |
|------|--|
| D | Ignition/starter switch |
| J59 | X-contact relief relay |
| J339 | X contact relief relay 2 |
| J404 | Terminal 15 relief relay |
| T6am | 6-pin connector |
| T6d | 6-pin connector |
| T9q | 9-pin connector |
| T9s | 9-pin connector |
| B272 | Positive connection (30), in main wiring harness |
| B273 | Positive connection (15), in main wiring harness |
| B298 | Positive connection 2 (30), in main wiring harness |
| B300 | Positive connection 4 (30), in main wiring harness |
| B346 | Connection 1 (75), in main wiring harness |
- * Only models with central locking
*2 Only models with automated manual gearbox

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Rain and light sensor, Control unit for lighting and wiper functions

G397 Rain and light sensor
J393 Convenience system central control unit
J917 Control unit for lighting and wiper functions
T3au 3-pin connector
T12b 12-pin connector
T16d 16-pin connector

368 Earth connection 3, in main wiring harness
606 Earth point, under the centre console near gear stick
B275 Positive connection (87), in main wiring harness
B465 Connection 1, in main wiring harness

* Only models with automatic anti-dazzle interior mirror

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

1523-0400405121

Light switch, Turn signal switch, Headlight dipper and
flasher switch, Control unit for lighting and wiper functions

E1 Light switch
E2 Turn signal switch
E4 Headlight dipper and flasher switch
J2 Hazard warning light relay
J917 Control unit for lighting and wiper functions
T9i 9-pin connector

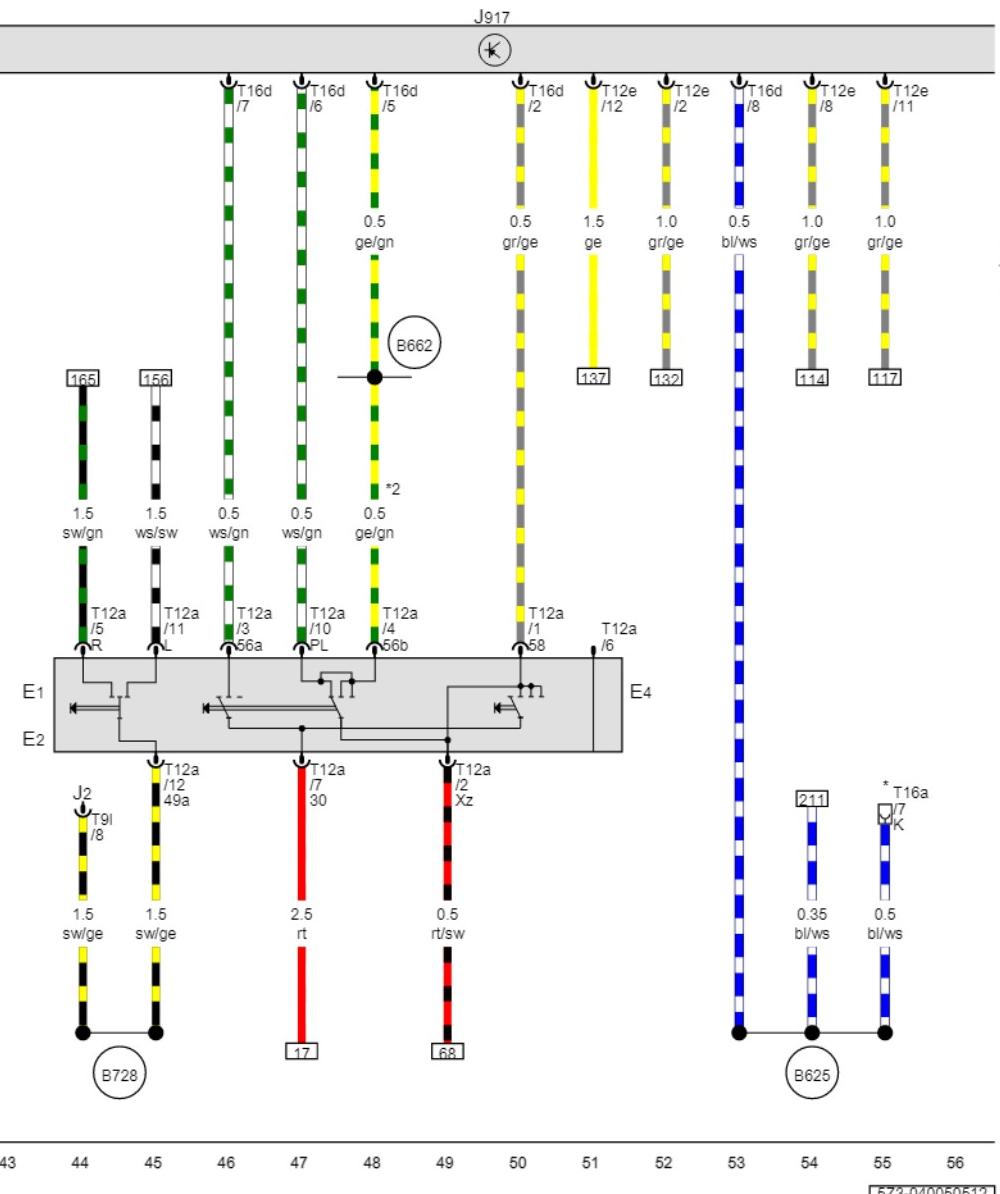
T12a 12-pin connector
T12e 12-pin connector
T16a 16-pin connector
T16d 16-pin connector

(B625) Connection (K-diagnosis wire), in main wiring harness

(B662) Connection 2 (56b), in main wiring harness

(B728) Connection (49a), in main wiring harness

* Diagnostic connection
*2 Only CROSS models

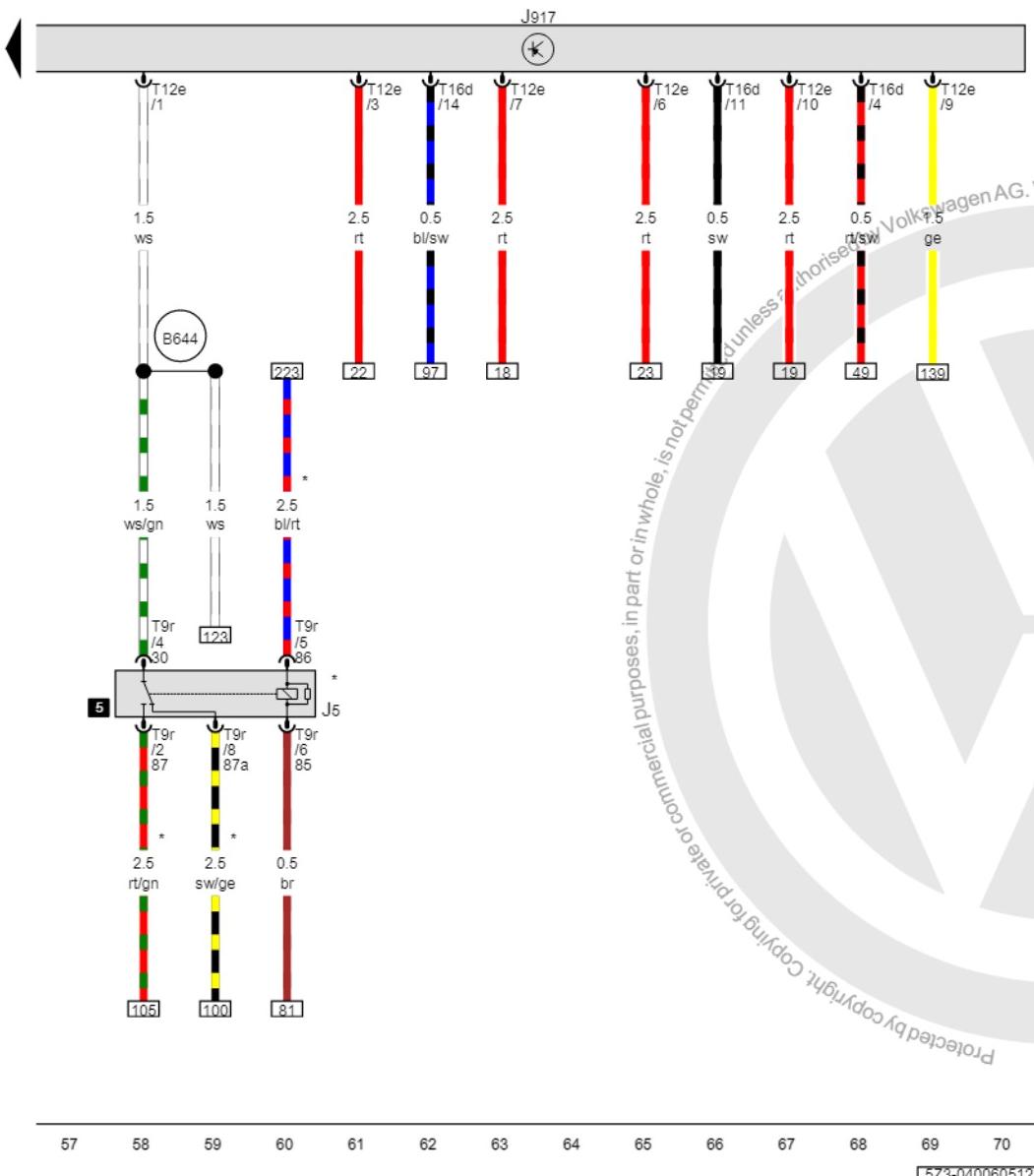


Fog light relay, Control unit for lighting and wiper functions

J5 Fog light relay
 J917 Control unit for lighting and wiper functions
 T9r 9-pin connector
 T12e 12-pin connector
 T16d 16-pin connector

B644 Connection 3 (56a), in main wiring harness

* Only CROSS models



Protected by Copyright for private or commercial purposes, in part or in whole, is not permitted.
 Copyright by Volkswagen AG.

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

Intermittent wiper switch, Rear wiper switch, Automatic intermittent wash and wipe control unit

E22 Intermittent wiper switch

E34 Rear wiper switch

J932 Automatic intermittent wash and wipe control unit

T8c 8-pin connector

T18c 18-pin connector

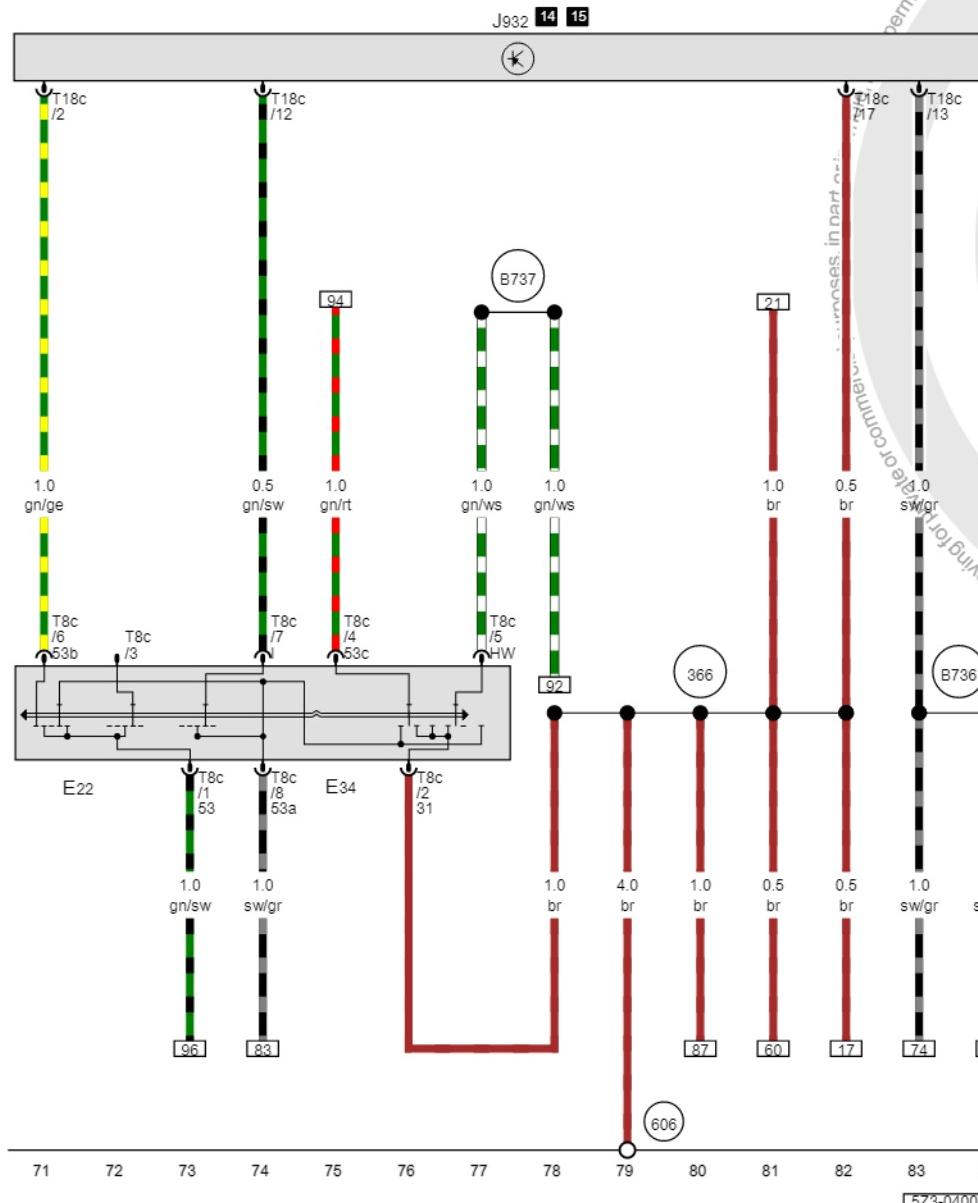
366 Earth connection 1, in main wiring harness

permitted unless authorised by Volkswagen AG. Copying or storage in any form is illegal and liable to prosecution under the Copyright, Designs and Patents Act 1988.

606 Earth point, under the centre console near gear stick

B736 Positive connection (53a), in main wiring harness

B737 Connection 2 (53c), in main wiring harness

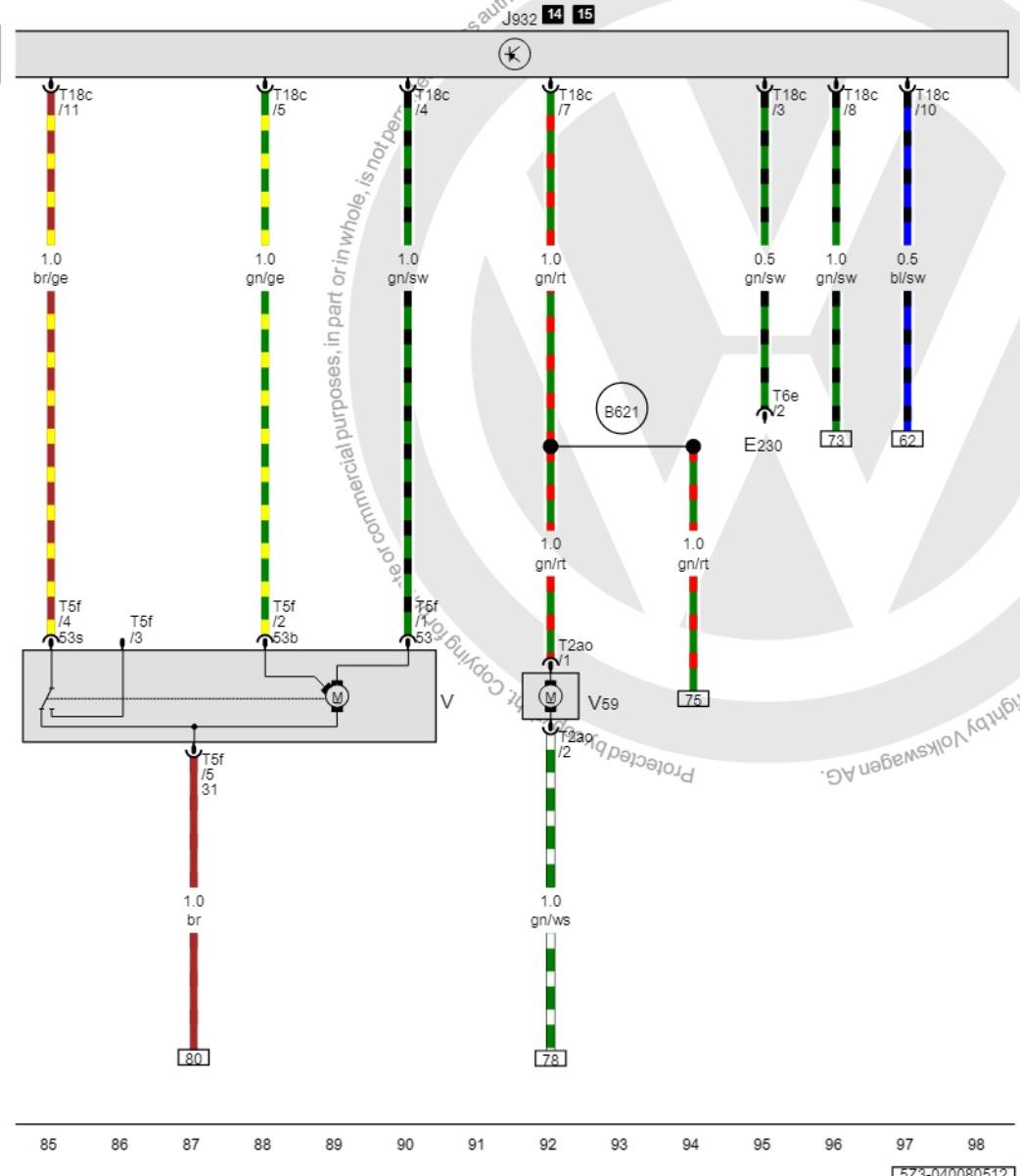


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

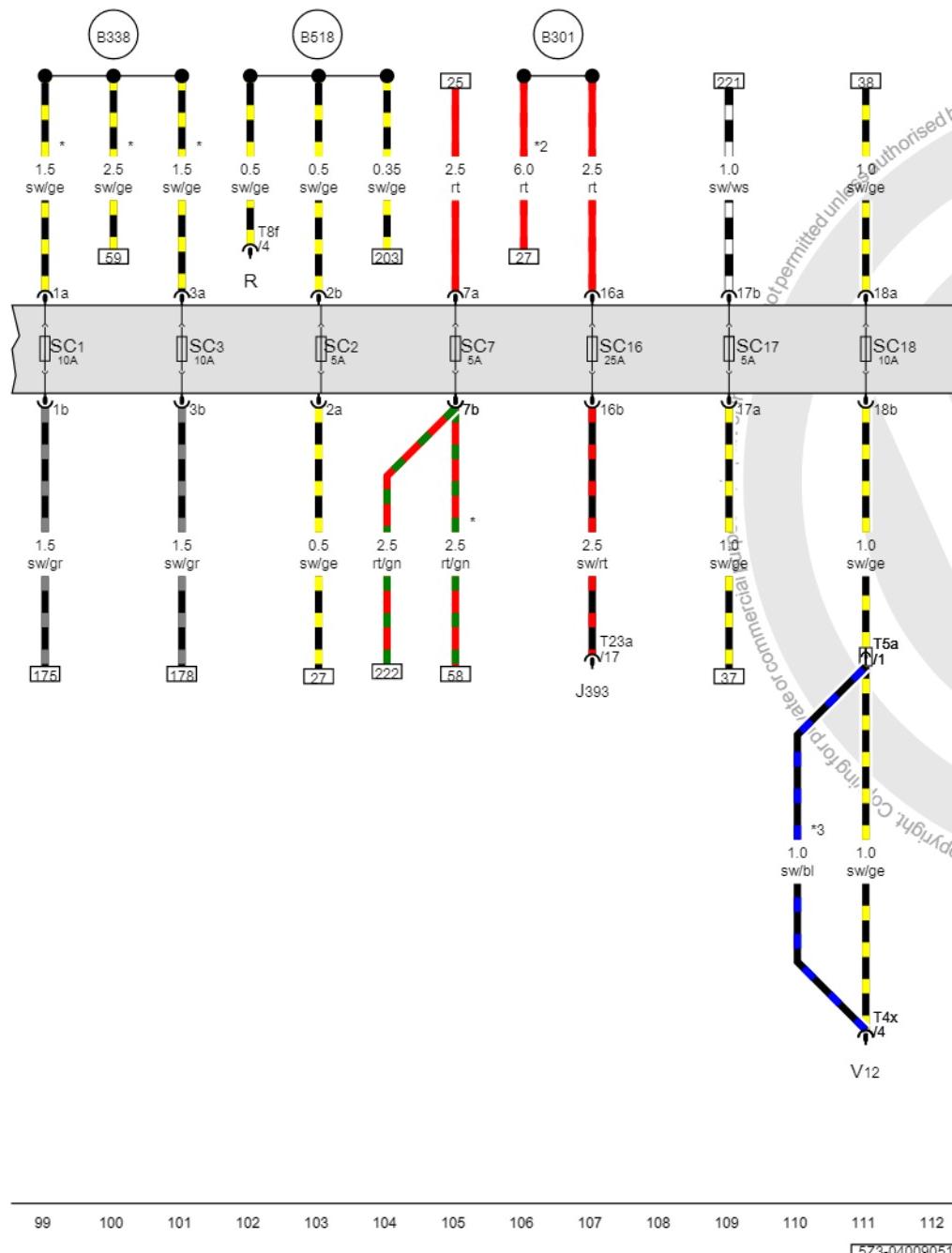
permitted unless authorised by Volkswagen AG. Copying or storage in any form is illegal and liable to prosecution under the Copyright, Designs and Patents Act 1988.

Automatic intermittent wash and wipe control unit,
Windscreen wiper motor, Windscreen and rear window
washer pump

E230	Heated rear window button
J932	Automatic intermittent wash and wipe control unit
T2ao	2-pin connector
T5f	5-pin connector
T6e	6-pin connector
T18c	18-pin connector
V	Windscreen wiper motor
V59	Windscreen and rear window washer pump
B621	Connection 1 (53c), in main wiring harness



ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



Fuse 1 on fuse holder C, Fuse 2 on fuse holder C, Fuse 3 on fuse holder C, Fuse 7 on fuse holder C, Fuse 16 on fuse holder C, Fuse 17 on fuse holder C, Fuse 18 on fuse holder

J393 Convenience system central control unit

R Radio

SC1 Fuse 1 on fuse holder C

SC2 Fuse 2 on fuse holder C

SC3 Fuse 3 on fuse holder C
SC7 Fuse 7 on fuse holder C

SC16 Fuse 16 on fuse holder

SC17 Fuse 17 on fuse holder

SC18 Fuse 18 on fuse holder

T4x 4-pin connector

T5a 5-pin connector, behind
T8c 8-pin connector

T8I 8-pin connector
T23a 23-pin connector

V12 Rear window wiper motor

www.ijerph.com

(B301) Positive connection 5 (3)

10 of 10

(B338) Connection 1 (56), in ma

www.ijerph.org

BE18 Connection (86c) in ms

B5.18 Connection (80s), in ma

* Only CROSS models

*2 Only models with central

*3 Only models with 4-door

locu

mem

Cap 1

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

Fuse 31 on fuse holder B, Fuse 35 on fuse holder B, Fuse 43 on fuse holder B

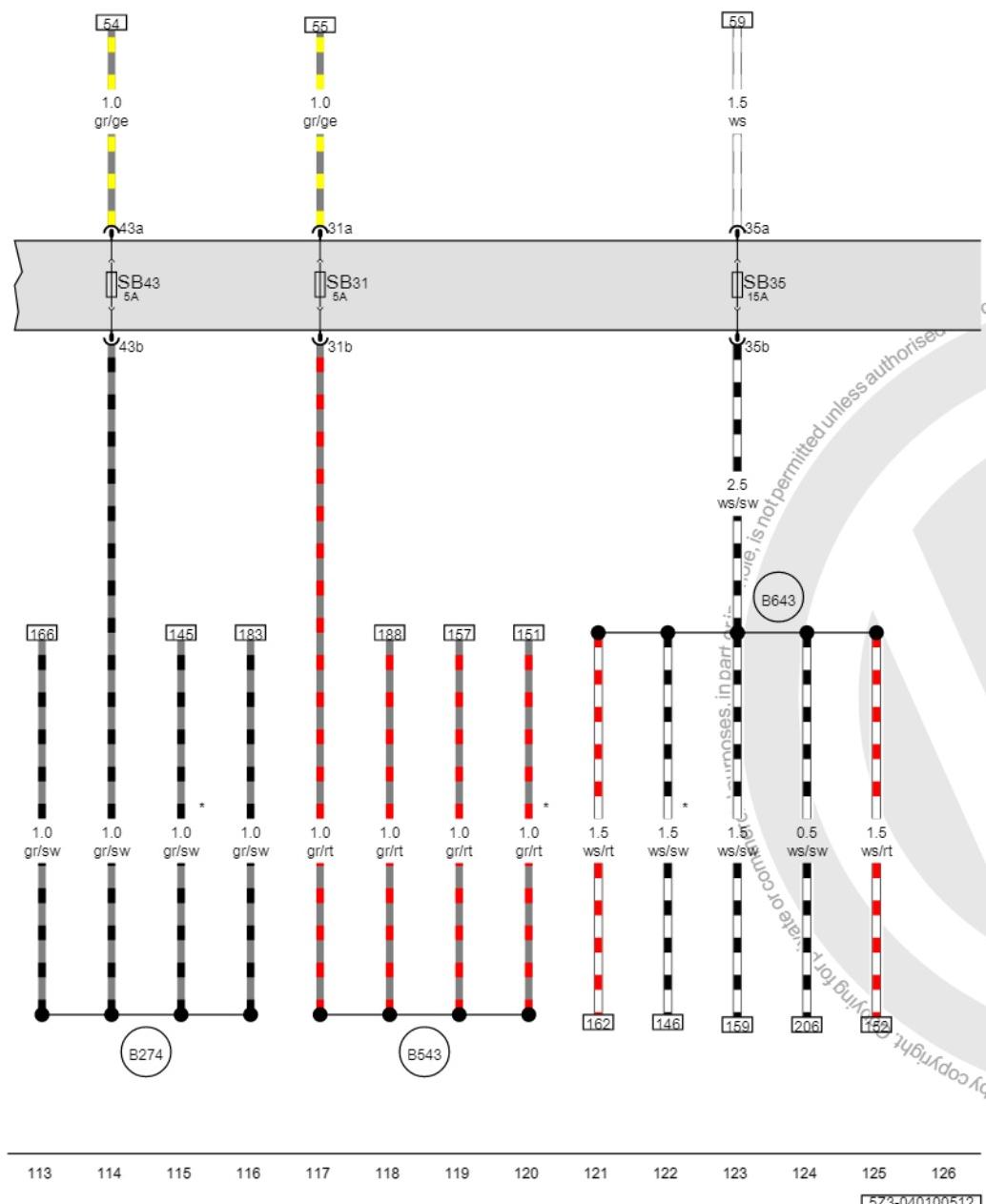
SB31 Fuse 31 on fuse holder B
SB35 Fuse 35 on fuse holder B
SB43 Fuse 43 on fuse holder B

(B274) Positive connection (58L), in main wiring harness

(B543) Positive connection (58R), in main wiring harness

(B643) Connection 2 (56a), in main wiring harness

* Only models with dual headlights



Volkswagen AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by Volkswagen AG.
Protected by copyright. All rights reserved.

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
vi	= purple
ge	= purple
or	= yellow
rs	= pink

113 114 115 116 117 118 119 120 121 122 123 124 125 126
1573-0401005121

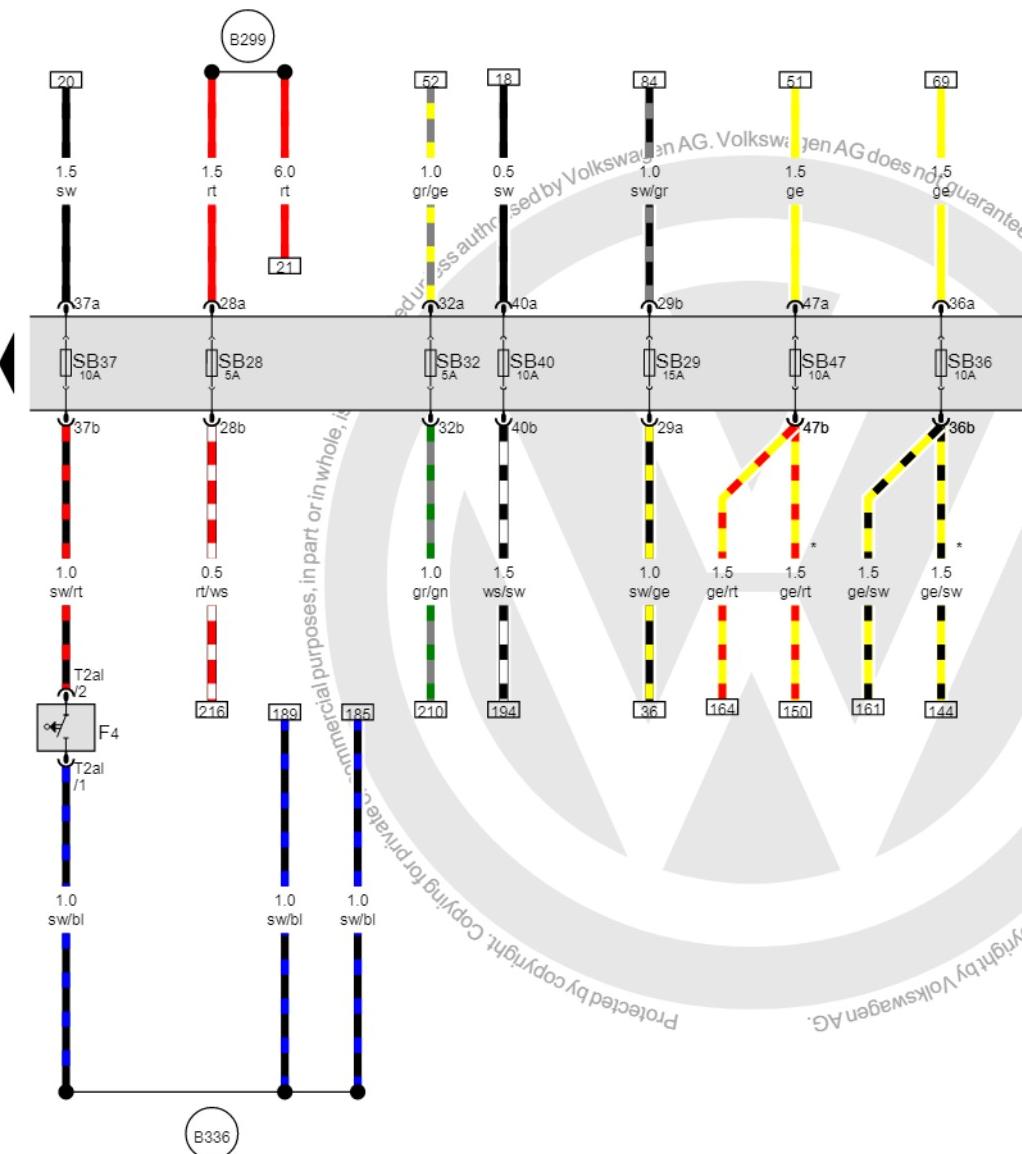
Reversing light switch

F4 Reversing light switch
 SB28 Fuse 28 on fuse holder B
 SB29 Fuse 29 on fuse holder B
 SB32 Fuse 32 on fuse holder B
 SB36 Fuse 36 on fuse holder B
 SB37 Fuse 37 on fuse holder B
 SB40 Fuse 40 on fuse holder B
 SB47 Fuse 47 on fuse holder B
 T2al 2-pin connector

B299 Positive connection 3 (30), in main wiring harness

B336 Connection 2 (54), in main wiring harness

* Only models with dual headlights



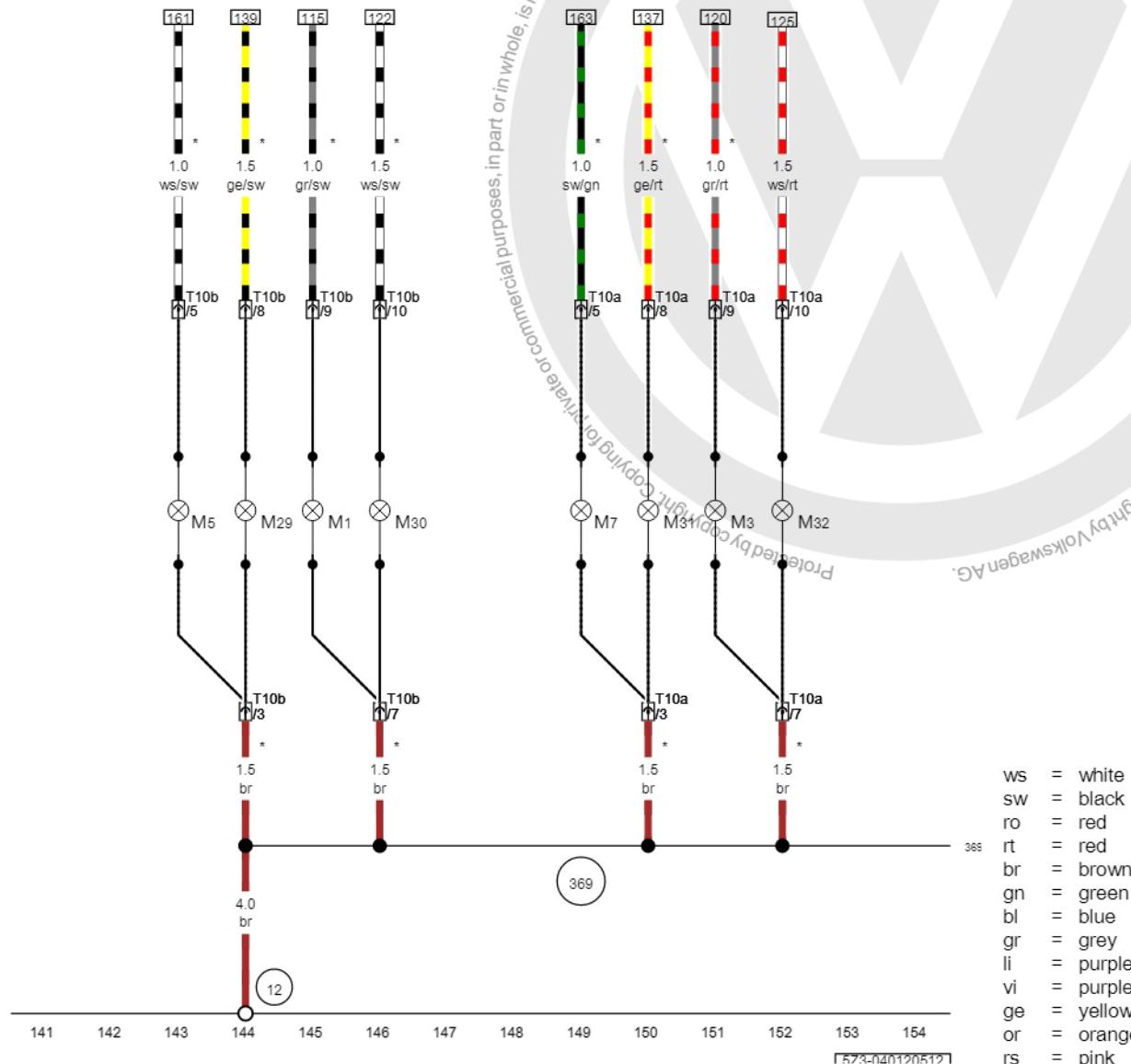
127 128 129 130 131 132 133 134 135 136 137 138 139 140

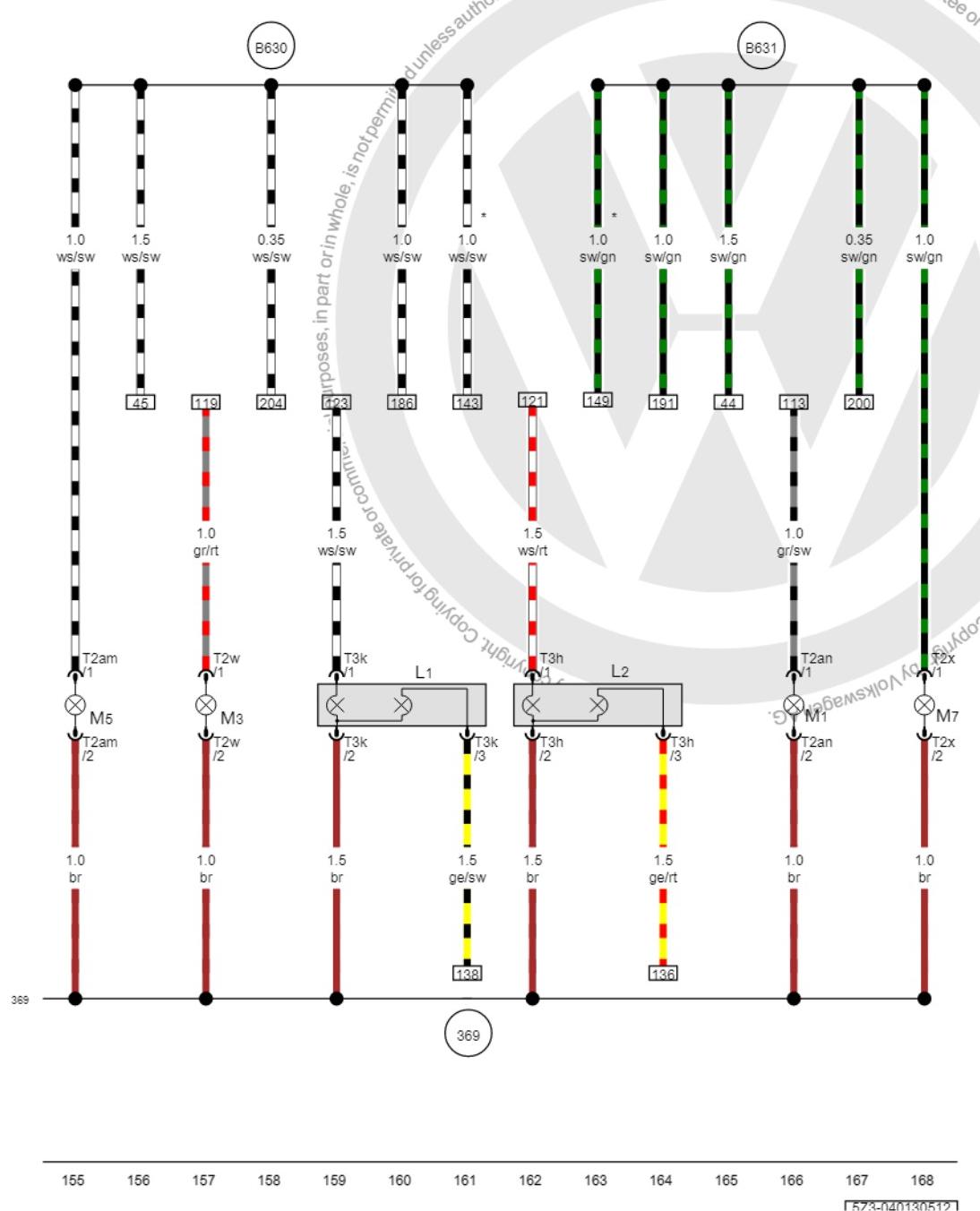
1573-0401105121

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Left side light bulb, Right side light bulb, Front left turn signal bulb, Front right turn signal bulb, Left headlight dipped beam bulb, Left headlight main beam bulb, Right headlight dipped beam bulb, Right headlight main beam bulb

- M1 Left side light bulb
- M3 Right side light bulb
- M5 Front left turn signal bulb
- M7 Front right turn signal bulb
- M29 Left headlight dipped beam bulb
- M30 Left headlight main beam bulb
- M31 Right headlight dipped beam bulb
- M32 Right headlight main beam bulb
- T10a 10-pin connector
- T10b 10-pin connector
- 12 Earth point, on left in engine compartment
- 369 Earth connection 4, in main wiring harness
- * Only models with dual headlights

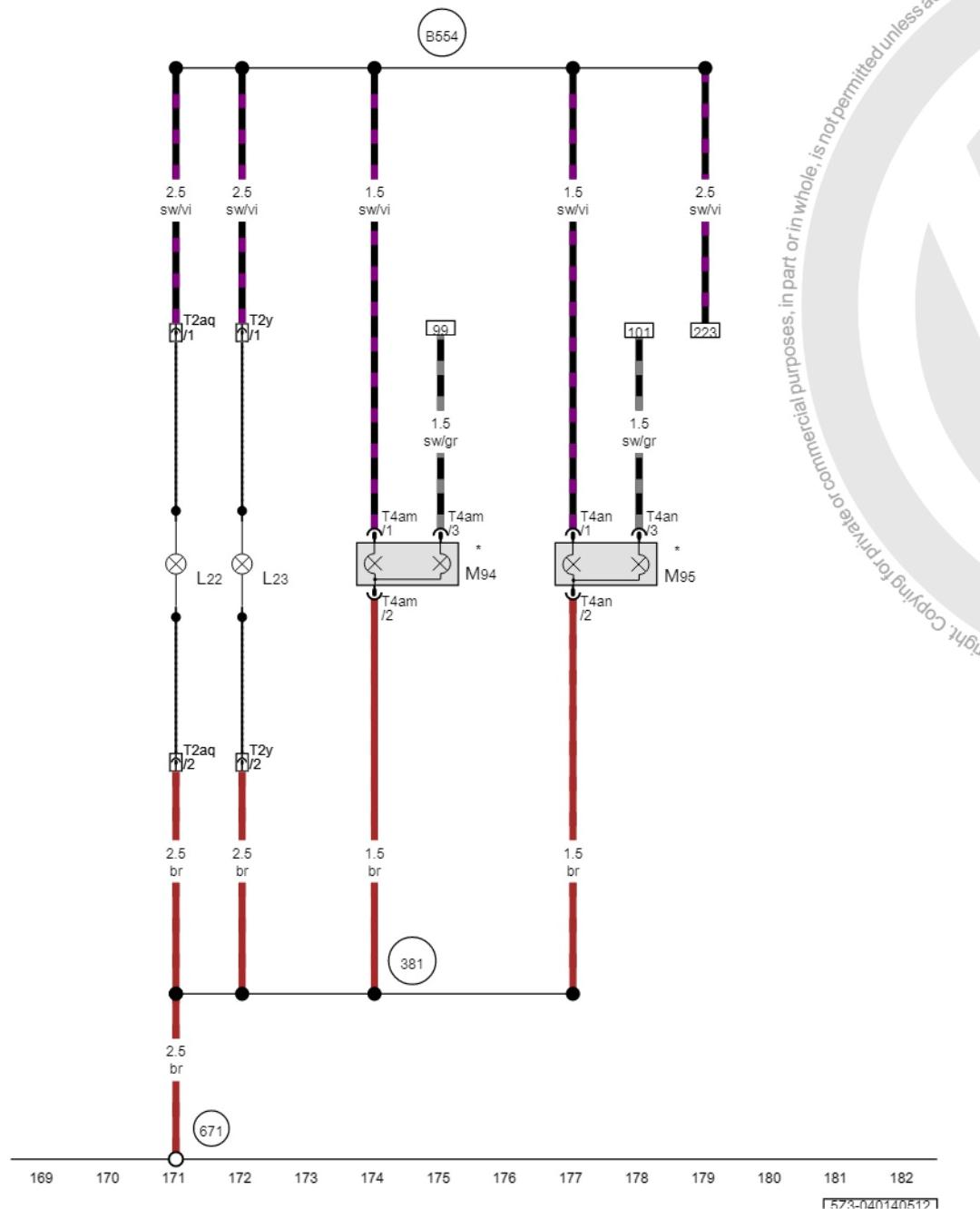




Left headlight twin filament bulb, Right headlight twin filament bulb, Left side light bulb, Right side light bulb, Front left turn signal bulb, Front right turn signal bulb

- L1 Left headlight twin filament bulb
- L2 Right headlight twin filament bulb
- M1 Left side light bulb
- M3 Right side light bulb
- M5 Front left turn signal bulb
- M7 Front right turn signal bulb
- T2am 2-pin connector
- T2an 2-pin connector
- T2w 2-pin connector
- T2x 2-pin connector
- T3h 3-pin connector
- T3k 3-pin connector
- 369 Earth connection 4, in main wiring harness
- B630 Positive connection (left turn signal bulb), in main wiring harness
- B631 Positive connection (right turn signal bulb), in main wiring harness
- * Only models with dual headlights

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

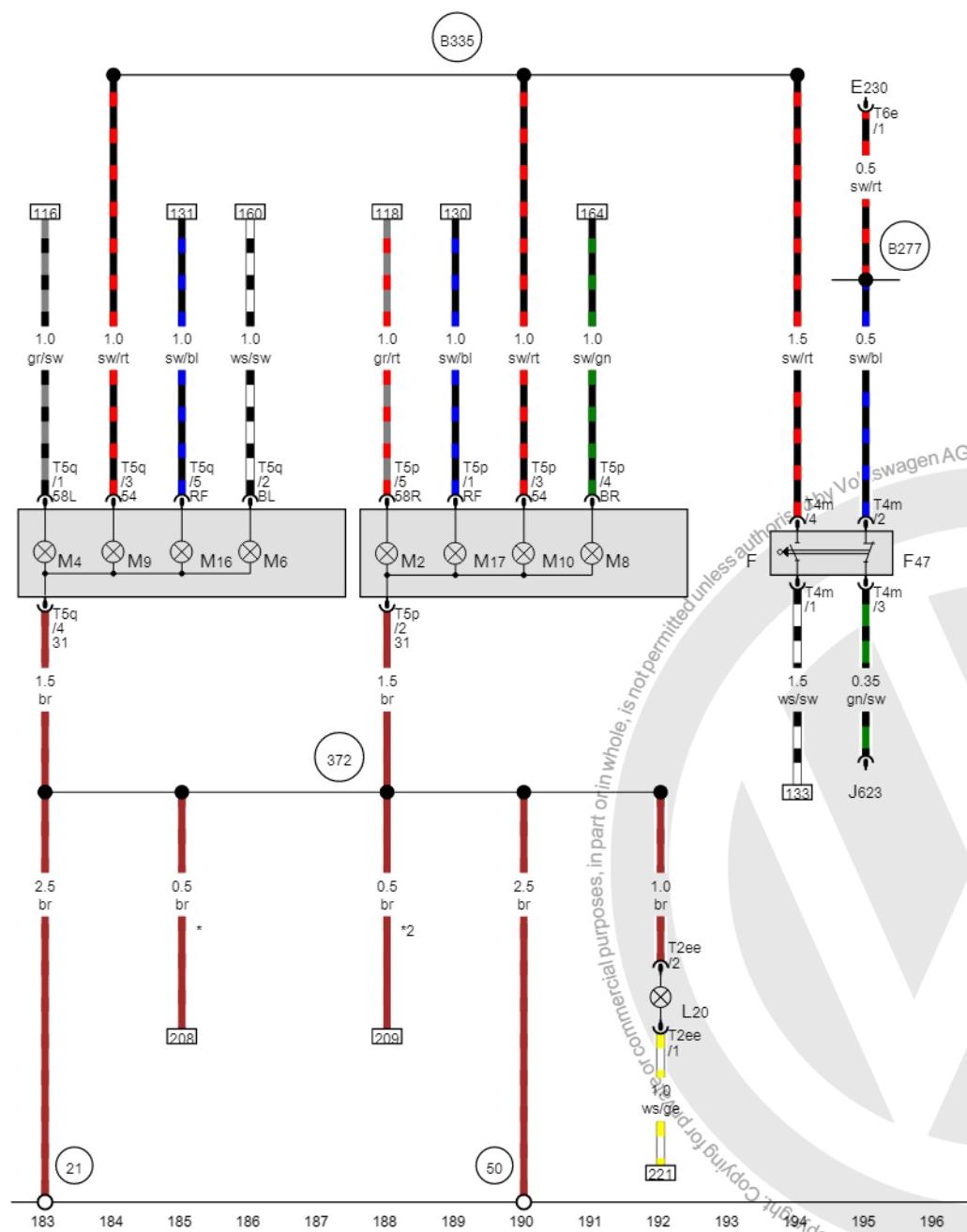


Left fog light bulb, Right fog light bulb, Left main beam headlight and fog light bulb, Right main beam headlight and fog light bulb

- L22 Left fog light bulb
- L23 Right fog light bulb
- M94 Left main beam headlight and fog light bulb
- M95 Right main beam headlight and fog light bulb
- T2aq 2-pin connector
- T2y 2-pin connector
- T4am 4-pin connector
- T4an 4-pin connector
- 381 Earth connection 16, in main wiring harness
- 671 Earth point 1, on front of left longitudinal member
- B554 Connection (fog light), in main wiring harness

* Only CROSS models

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink



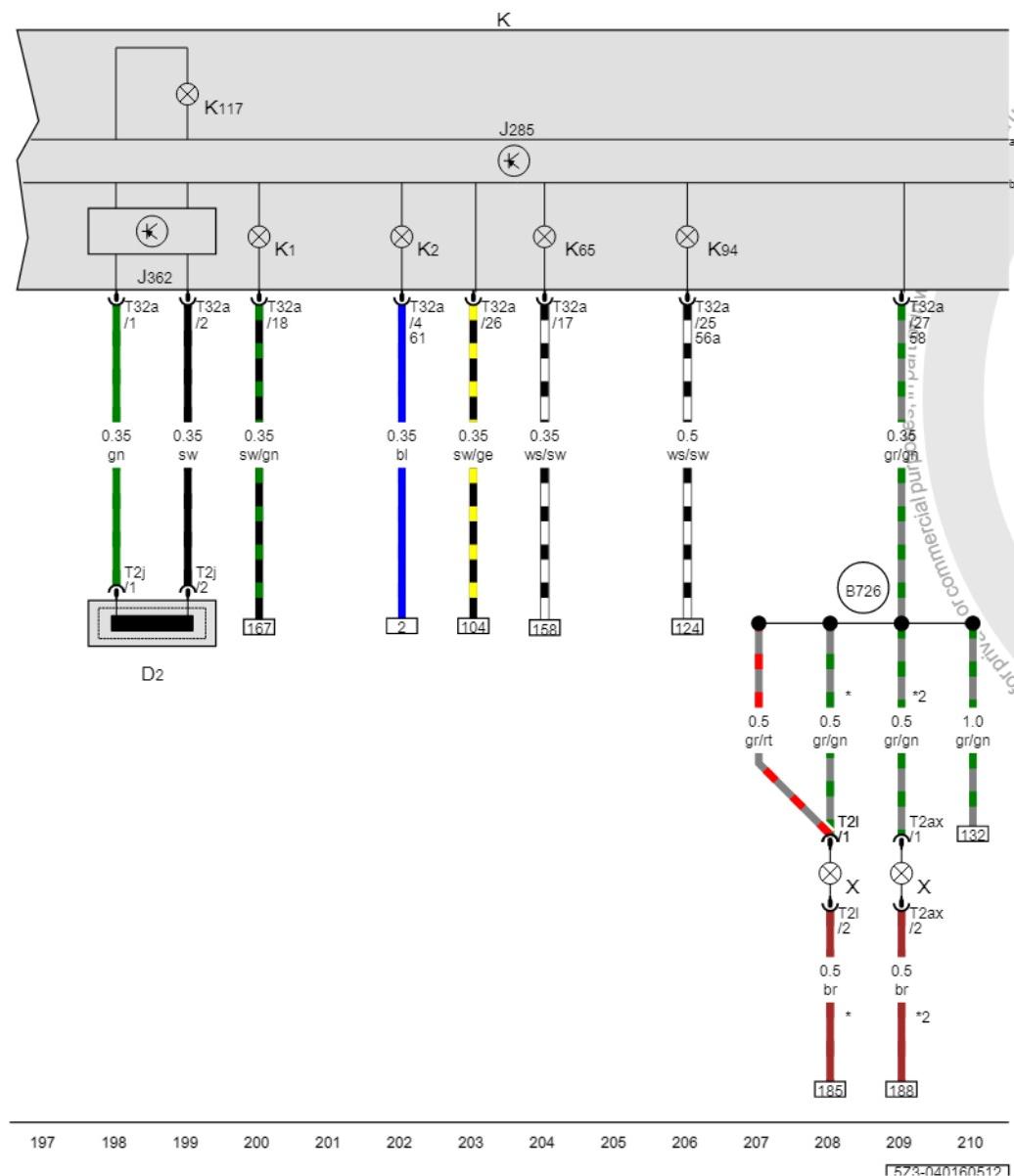
Brake light switch, Right tail light bulb, Left tail light bulb, Rear left turn signal bulb, Rear right turn signal bulb, Left brake light bulb, Right brake light bulb, Left reversing light bulb, Right reversing light bulb

- E230 Heated rear window button
- F Brake light switch
- F47 Brake pedal switch
- J623 Engine control unit
- L20 Rear fog light bulb
- M2 Right tail light bulb
- M4 Left tail light bulb
- M6 Rear left turn signal bulb
- M8 Rear right turn signal bulb
- M9 Left brake light bulb
- M10 Right brake light bulb
- M16 Left reversing light bulb
- M17 Right reversing light bulb
- T2ee 2-pin connector
- T4m 4-pin connector
- T5p 5-pin connector
- T5q 5-pin connector
- T6e 6-pin connector

- 21 Earth point, near fuel pump
- 50 Earth point, on left in luggage compartment
- 372 Earth connection 7, in main wiring harness
- B277 Positive connection 1 (15a) in main wiring harness
- B335 Connection 1(54), in main wiring harness
- * Only models with 4-doors
- *² Only CROSS models

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Immobiliser reader coil, Control unit in dash panel insert,
Dash panel insert, Main beam warning lamp, Alternator
warning lamp, Left turn signal warning lamp, Right turn
signal warning lamp, Number plate light



- D2 Immobiliser reader coil
- J285 Control unit in dash panel insert
- J362 Immobiliser control unit
- K Dash panel insert
- K1 Main beam warning lamp
- K2 Alternator warning lamp
- K65 Left turn signal warning lamp
- K94 Right turn signal warning lamp
- K117 Immobiliser warning lamp
- T2ax 2-pin connector
- T2j 2-pin connector
- T2l 2-pin connector
- T32a 32-pin connector
- X Number plate light
- B726 Positive connection 2 (58), in main wiring harness

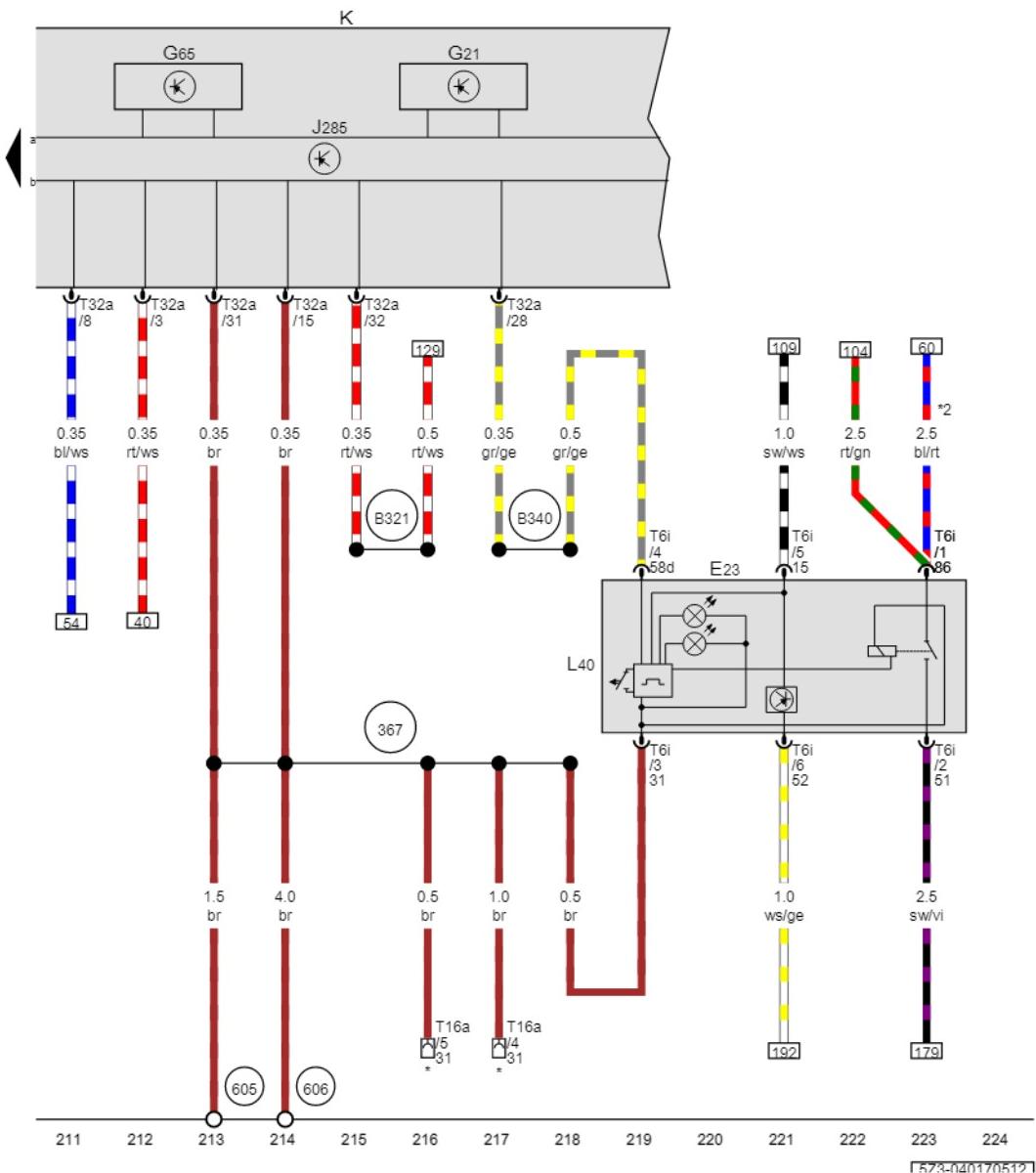
* Only models with 4-doors
*2 Only CROSS models

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

197 198 199 200 201 202 203 204 205 206 207 208 209 210

1573-0401605121

Front and rear fog light switch, Speedometer, High-pressure sender, Control unit in dash panel insert, Dash panel insert, Front and rear fog light switch illumination bulb



- E23 Front and rear fog light switch
- G21 Speedometer
- G65 High-pressure sender
- J285 Control unit in dash panel insert
- K Dash panel insert
- L40 Front and rear fog light switch illumination bulb
- T6i 6-pin connector
- T16a 16-pin connector
- T32a 32-pin connector
- 367 Earth connection 2, in main wiring harness
- 605 Earth point, on top end of steering column
- 606 Earth point, under the centre console near gear stick
- B321 Positive connection 7 (30a) in main wiring harness
- B340 Connection 1 (58d), in main wiring harness
- * Diagnostic connection
*2 Only CROSS models

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

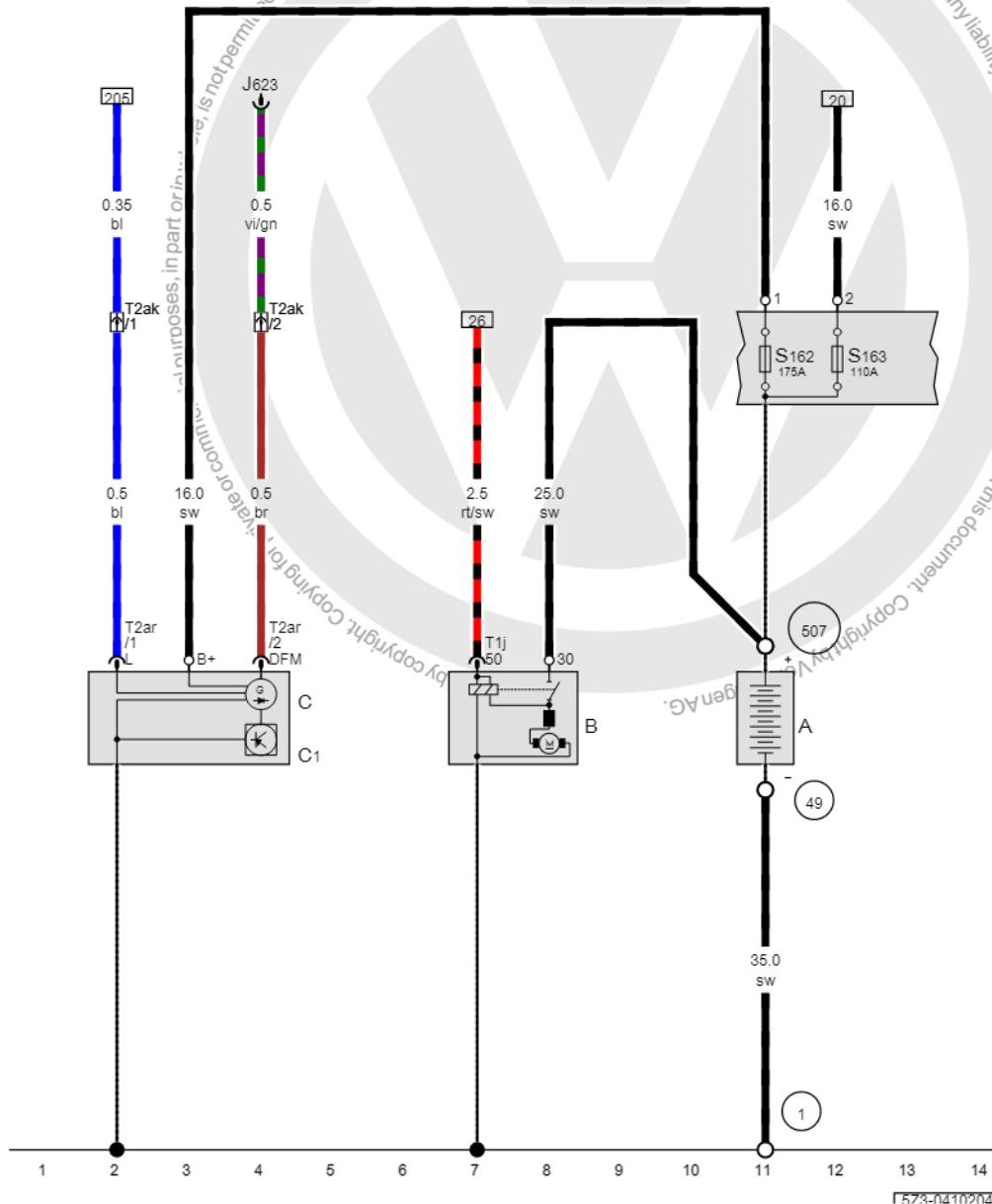
Coming home/leaving home function without rain sensor

From April 2012

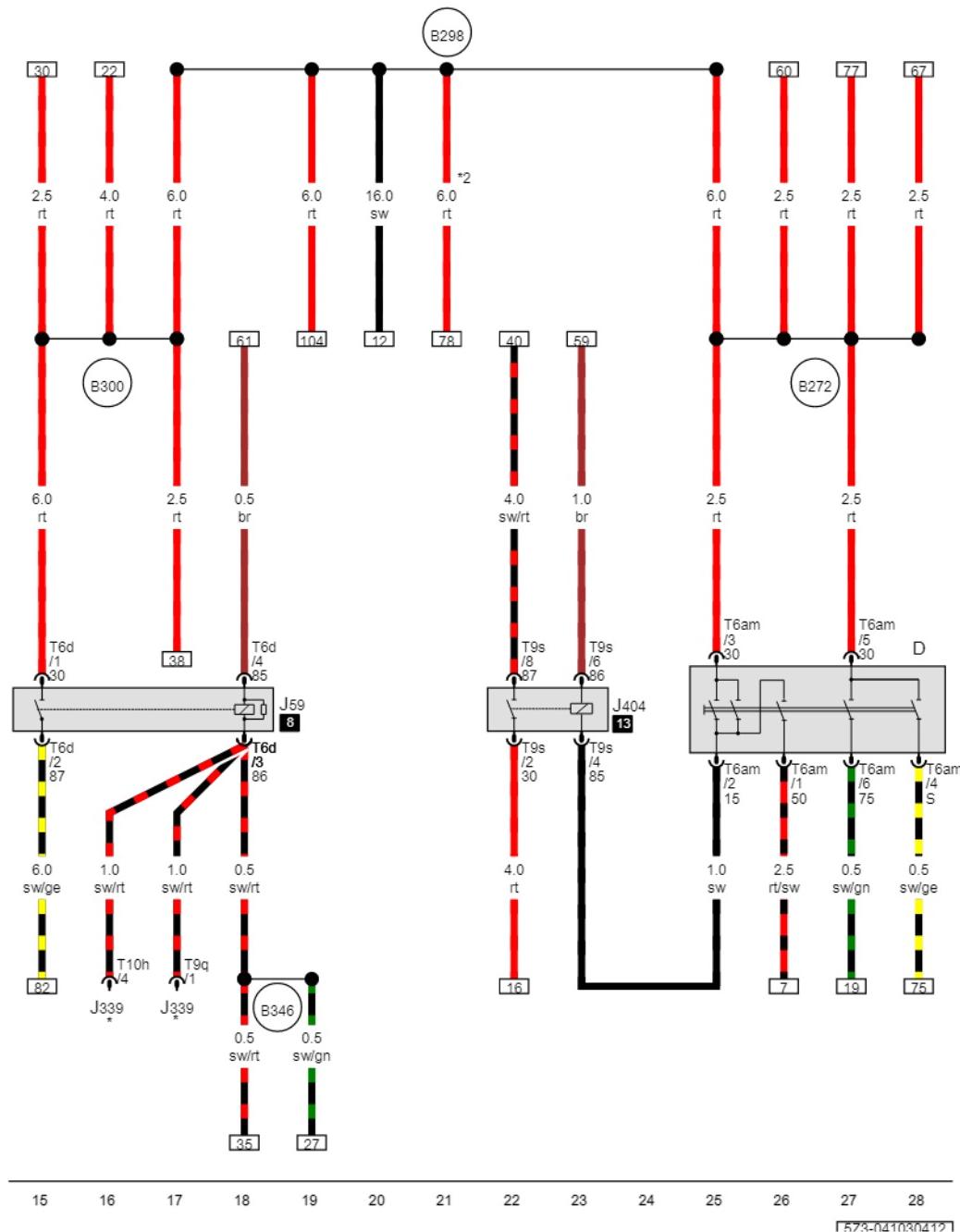


Battery, Starter, Alternator, Voltage regulator

- A Battery
 B Starter
 C Alternator
 C1 Voltage regulator
 J623 Engine control unit
 S162 Fuse 1 (30), in battery fuse holder
 S163 Fuse 2 (30), in battery fuse holder
 T1j Single connector
 T2ak 2-pin connector, on left in engine compartment
 T2ar 2-pin connector
- (1) Earth strap, battery - body
 - (49) Earth point, near ..., near battery
 - (507) Threaded connection (30), on battery fuse holder



F573-0410004121

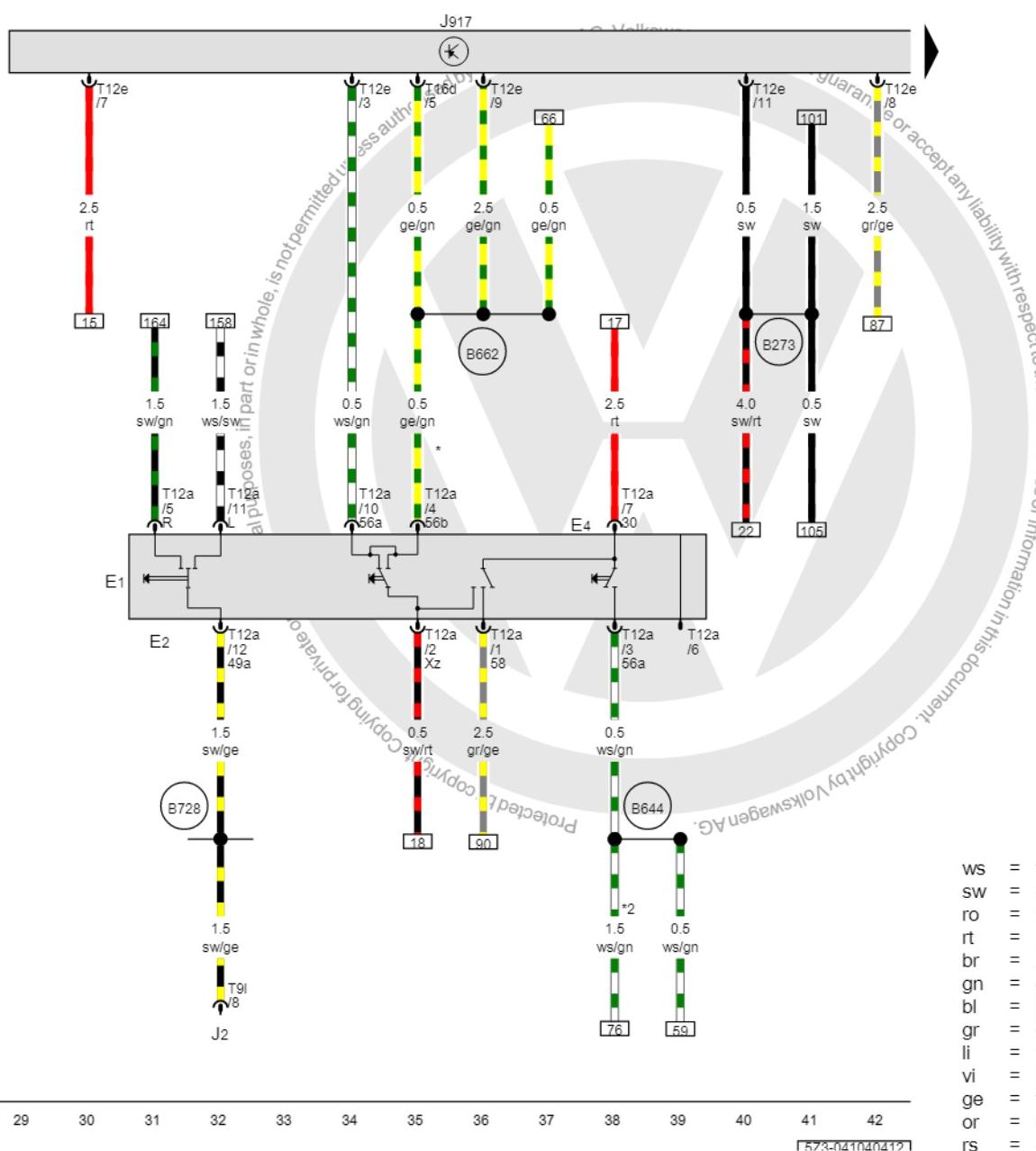


Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay

- D Ignition/starter switch
 - J59 X-contact relief relay
 - J339 X contact relief relay 2
 - J404 Terminal 15 relief relay
 - T6am 6-pin connector
 - T6d 6-pin connector
 - T9q 9-pin connector
 - T9s 9-pin connector
 - T10h 10-pin connector
 - (B272) Positive connection (30), in main wiring harness
 - (B298) Positive connection 2 (30), in main wiring harness
 - (B300) Positive connection 4 (30), in main wiring harness
 - (B346) Connection 1 (75), in main wiring harness
- * Only models with automated manual gearbox
*2 Only models with central locking

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Light switch, Turn signal switch, Headlight dipper and
flasher switch, Control unit for lighting and wiper functions



- E1 Light switch
 - E2 Turn signal switch
 - E4 Headlight dipper and flasher switch
 - J2 Hazard warning light relay
 - J917 Control unit for lighting and wiper functions
 - T91 9-pin connector
 - T12a 12-pin connector
 - T12e 12-pin connector
 - T16d 16-pin connector

(B273) Positive connection (15), in main wiring harness

(B644) Connection 3 (56a), in main wiring harness

(B662) Connection 2 (56b), in main wiring harness

(B728) Connection (49a), in main wiring harness

* Only models with dual headlights

** Only CROSST models

Only models with dual headlights

2 Only CROSS models

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

Control unit for lighting and wiper functions, Number plate light

J393 Convenience system central control unit

J917 Control unit for lighting and wiper functions

T2ax 2-pin connector

T2l 2-pin connector

T12b 12-pin connector

T12e 12-pin connector

T16a 16-pin connector

T16d 16-pin connector

X Number plate light

368 Earth connection 3, in main wiring harness

606 Earth point, under the centre console near gear stick

B465 Connection 1, in main wiring harness

B625 Connection (K-diagnosis wire), in main wiring harness

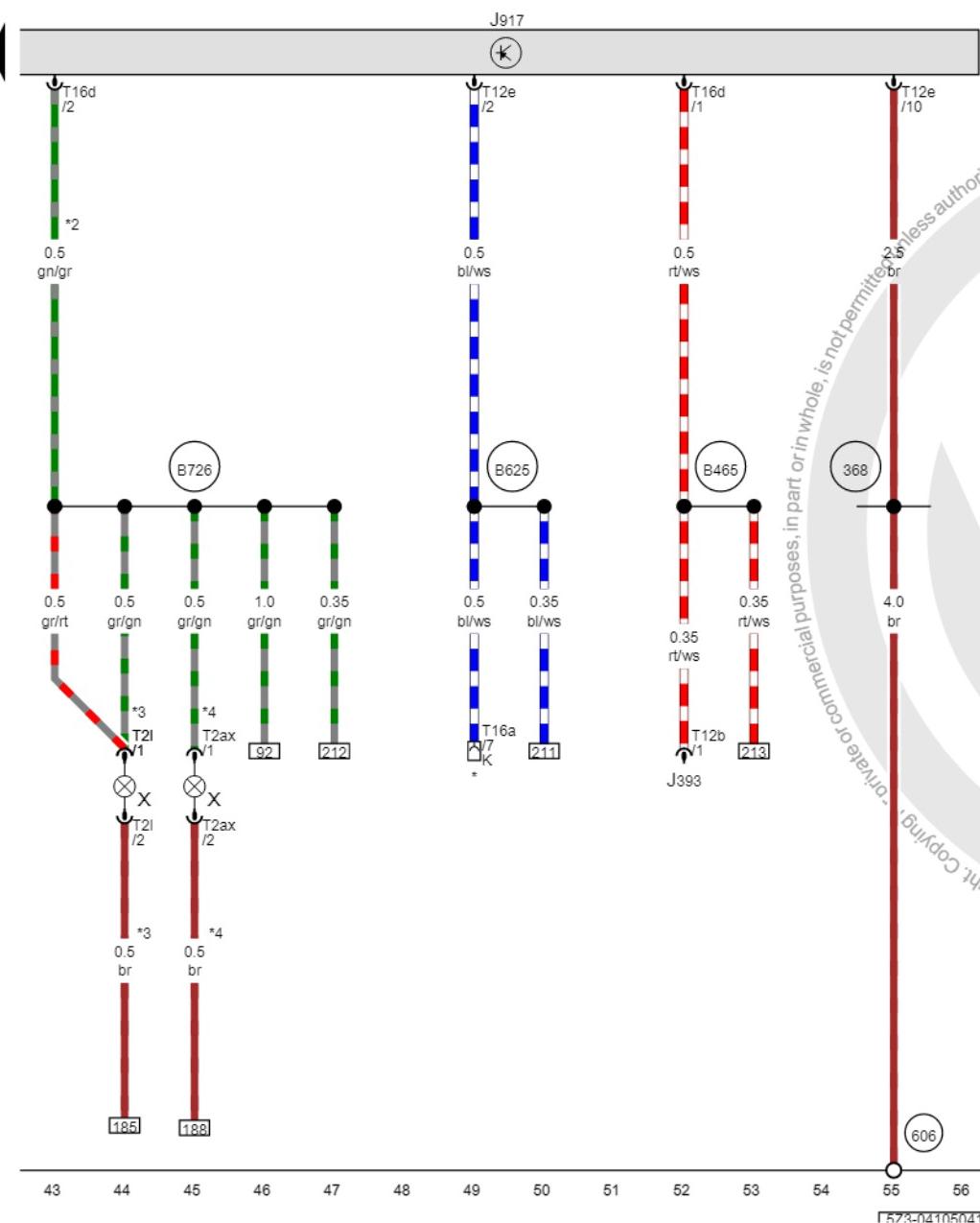
B726 Positive connection 2 (58), in main wiring harness

* Diagnostic connection

*2 Only models with rain and light sensor

*3 Only models with 4-doors

*4 Only CROSS models



= white
ws = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

F573-0410504121

Headlight main beam relay, Dipped beam relay

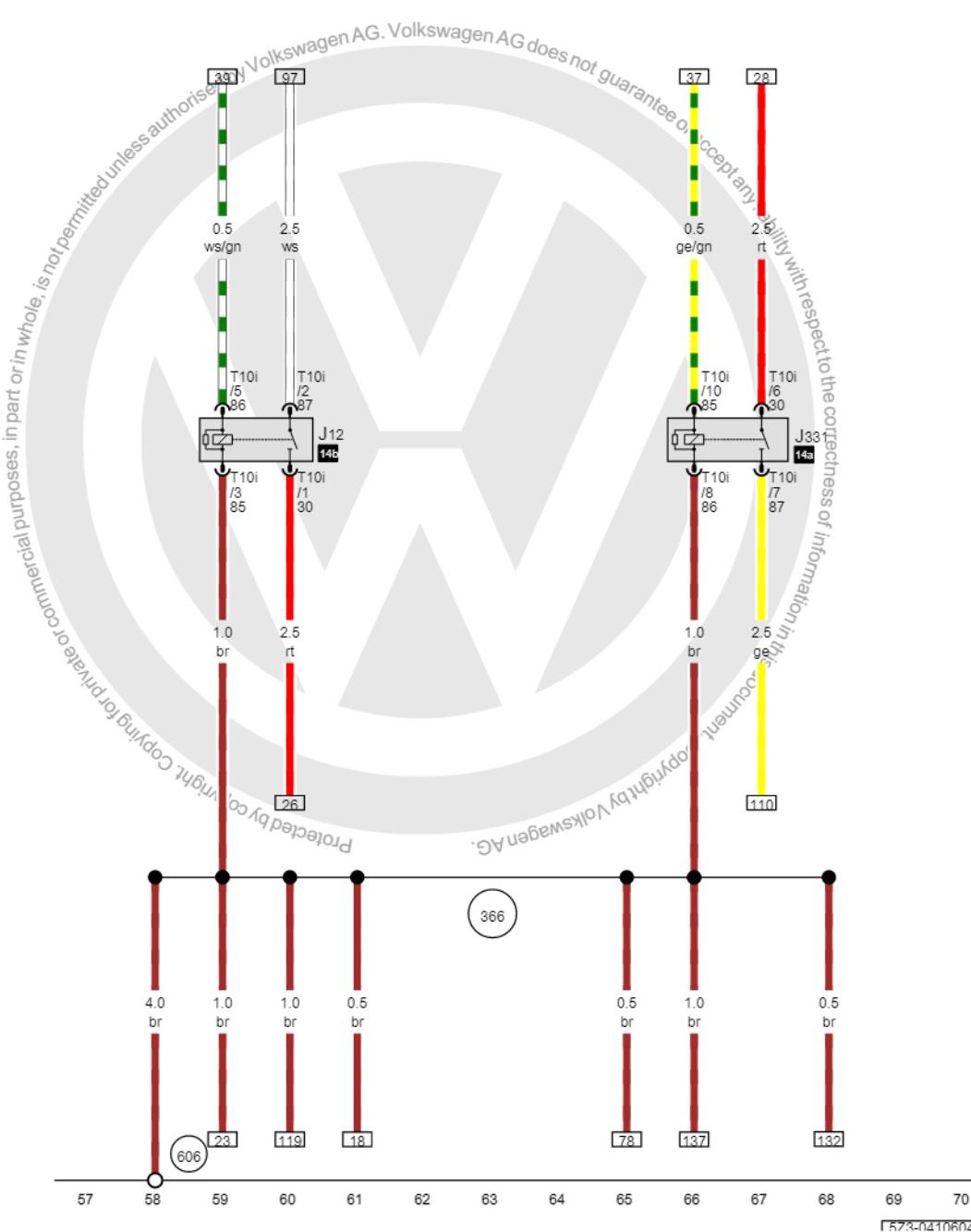
J12 Headlight main beam relay

J331 Dipped beam relay

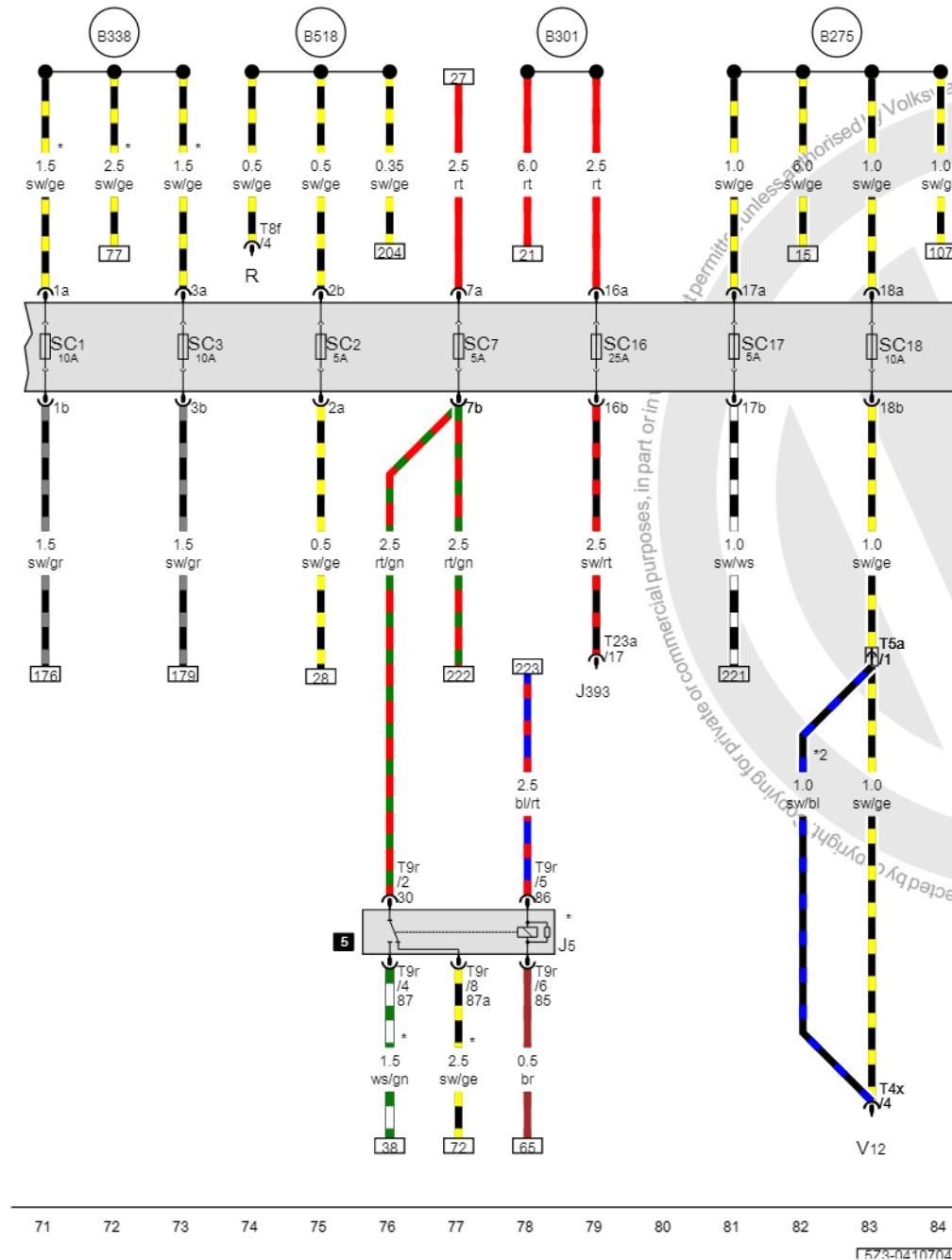
T10i 10-pin connector

366 Earth connection 1, in main wiring harness

606 Earth point, under the centre console near gear stick



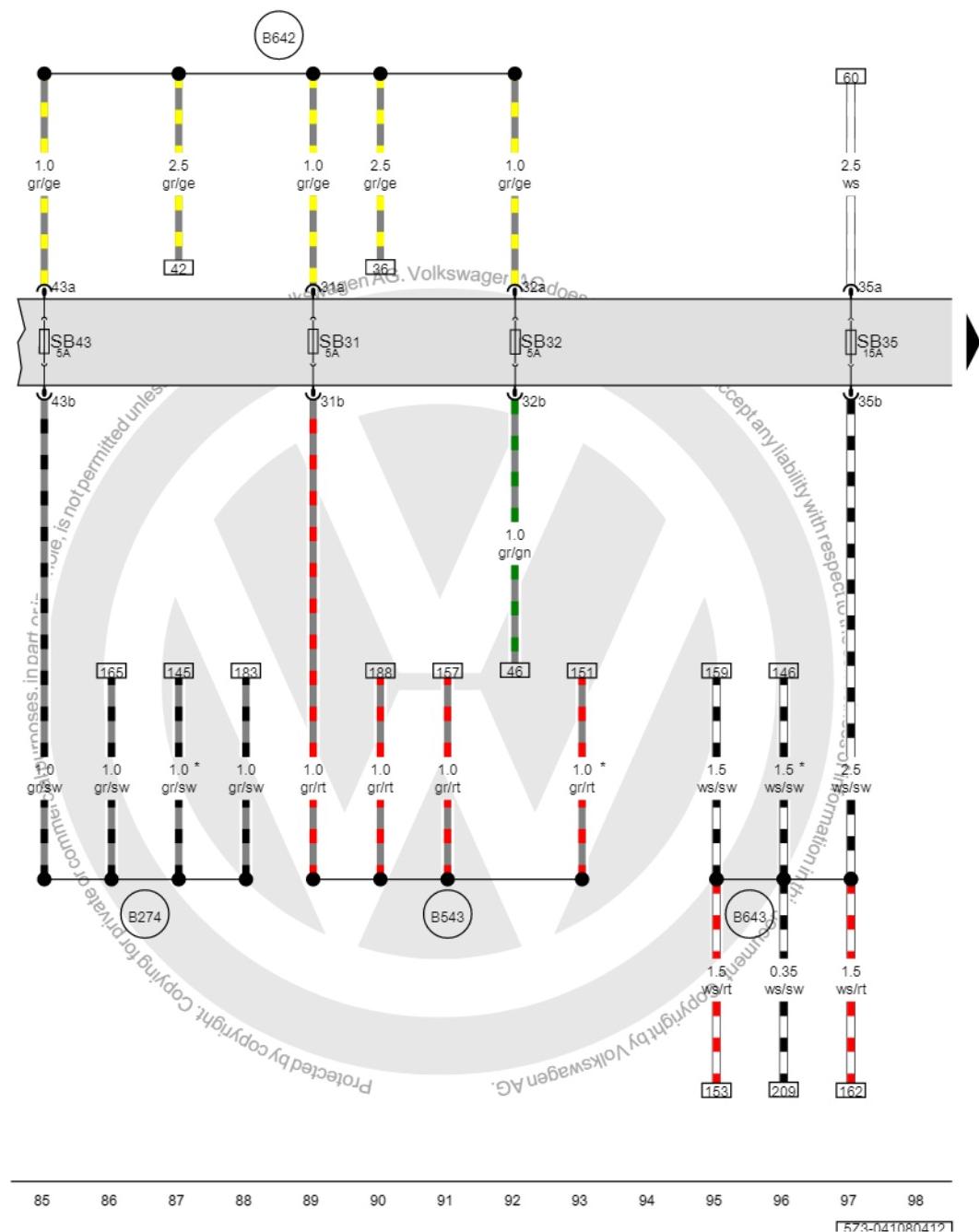
ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink



Fog light relay

- J5 Fog light relay
- J393 Convenience system central control unit
- R Radio
- SC1 Fuse 1 on fuse holder C
- SC2 Fuse 2 on fuse holder C
- SC3 Fuse 3 on fuse holder C
- SC7 Fuse 7 on fuse holder C
- SC16 Fuse 16 on fuse holder C
- SC17 Fuse 17 on fuse holder C
- SC18 Fuse 18 on fuse holder C
- T4x 4-pin connector
- T5a 5-pin connector, behind rear left side trim, near wheel arch
- T8f 8-pin connector
- T9r 9-pin connector
- T23a 23-pin connector
- V12 Rear window wiper motor
- B275 Positive connection (87), in main wiring harness
- B301 Positive connection 5 (30), in main wiring harness
- B338 Connection 1 (56), in main wiring harness
- B518 Connection (86), in main wiring harness
- * Only CROSS models
- *² Only models with 4-doors

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Fuse 31 on fuse holder B, Fuse 32 on fuse holder B, Fuse 35 on fuse holder B, Fuse 43 on fuse holder B

SB31 Fuse 31 on fuse holder B

SB32 Fuse 32 on fuse holder B

SB35 Fuse 35 on fuse holder B

SB43 Fuse 43 on fuse holder B

B274 Positive connection (58L), in main wiring harness

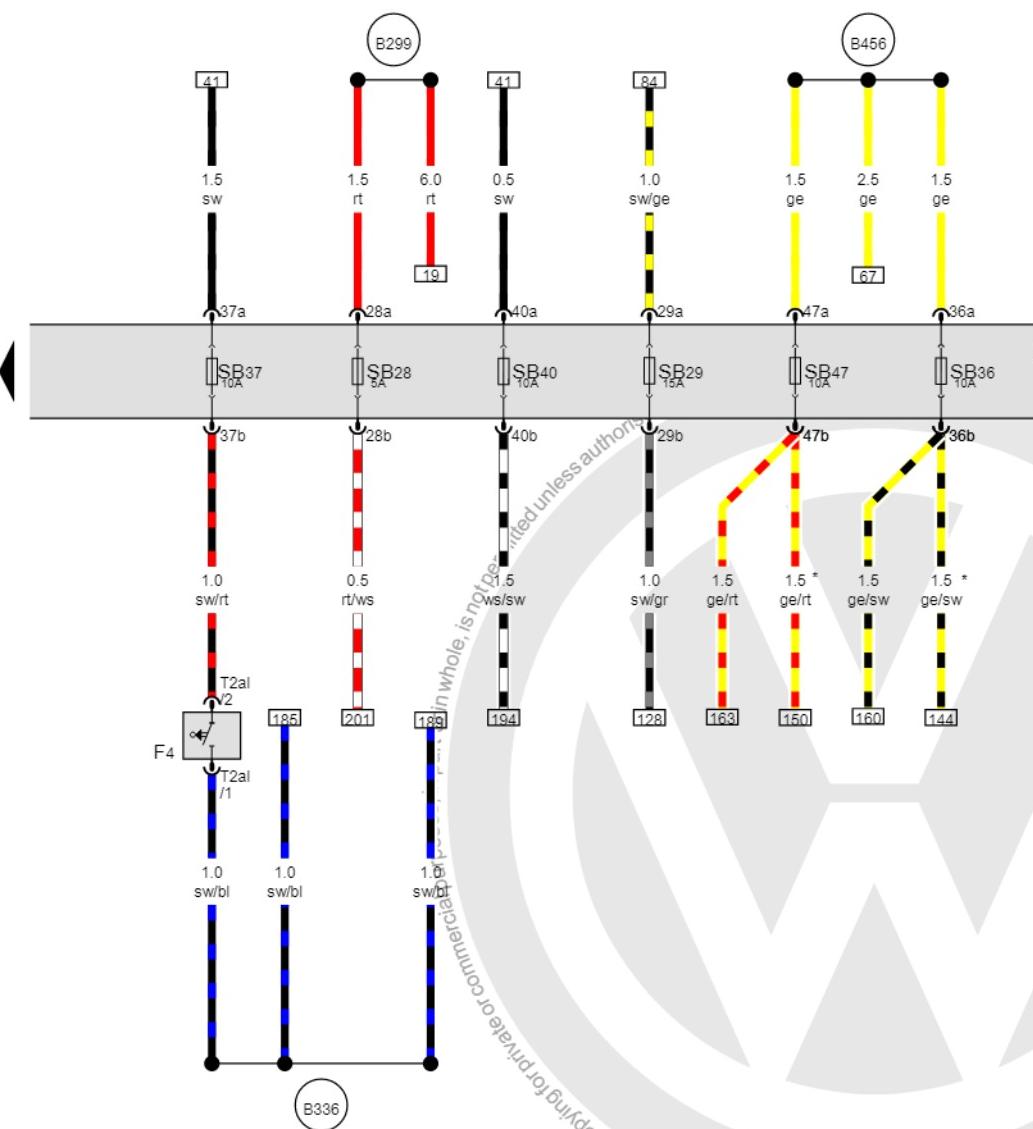
B543 Positive connection (58R), in main wiring harness

B642 Positive connection (58), in main wiring harness

B643 Connection 2 (56a), in main wiring harness

* Only models with dual headlights

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink



Reversing light switch

F4 Reversing light switch
 SB28 Fuse 28 on fuse holder B
 SB29 Fuse 29 on fuse holder B
 SB36 Fuse 36 on fuse holder B
 SB37 Fuse 37 on fuse holder B
 SB40 Fuse 40 on fuse holder B
 SB47 Fuse 47 on fuse holder B
 T2al 2-pin connector

B299 Positive connection 3 (30), in main wiring harness

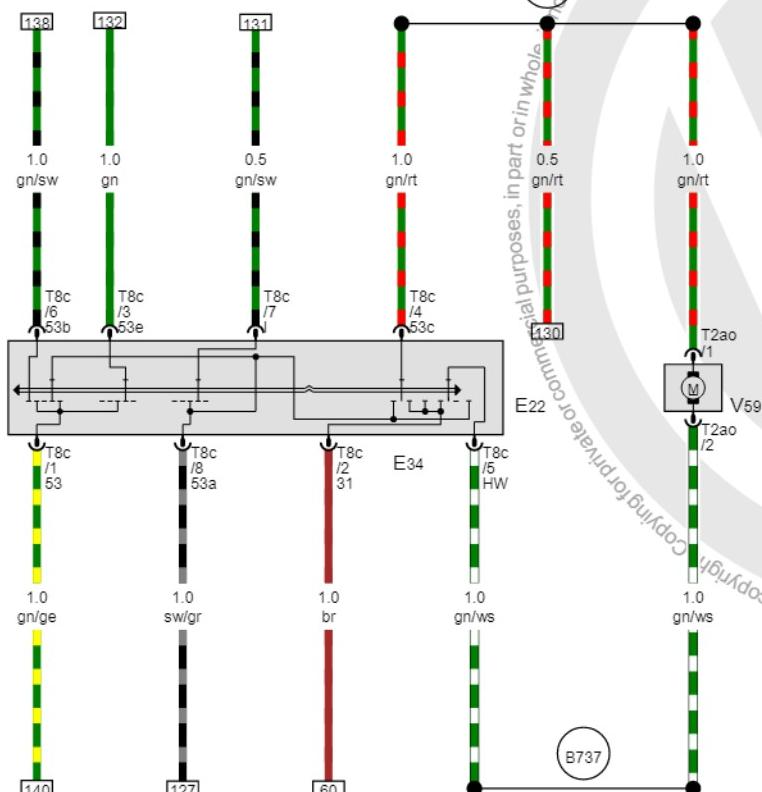
B336 Connection 2 (54), in main wiring harness

B456 Connection (56b), in main wiring harness

* Only models with dual headlights

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gr = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Intermittent wiper switch, Rear wiper switch, Windscreen and rear window washer pump



ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

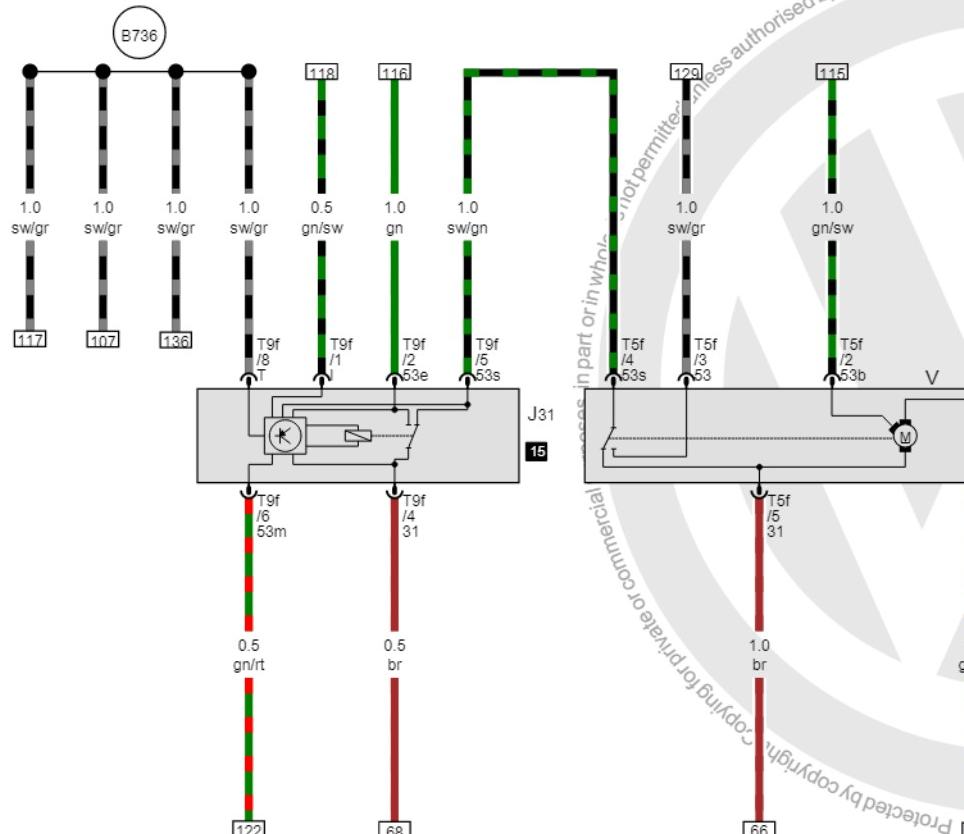
113 114 115 116 117 118 119 120 121 122 123 124 125 126

L573-0411004121

Automatic intermittent wash and wipe relay, Windscreen wiper motor

J31 Automatic intermittent wash and wipe relay
 T5f 5-pin connector
 T9f 9-pin connector
 V Windscreen wiper motor

B736 Positive connection (53a), in main wiring harness



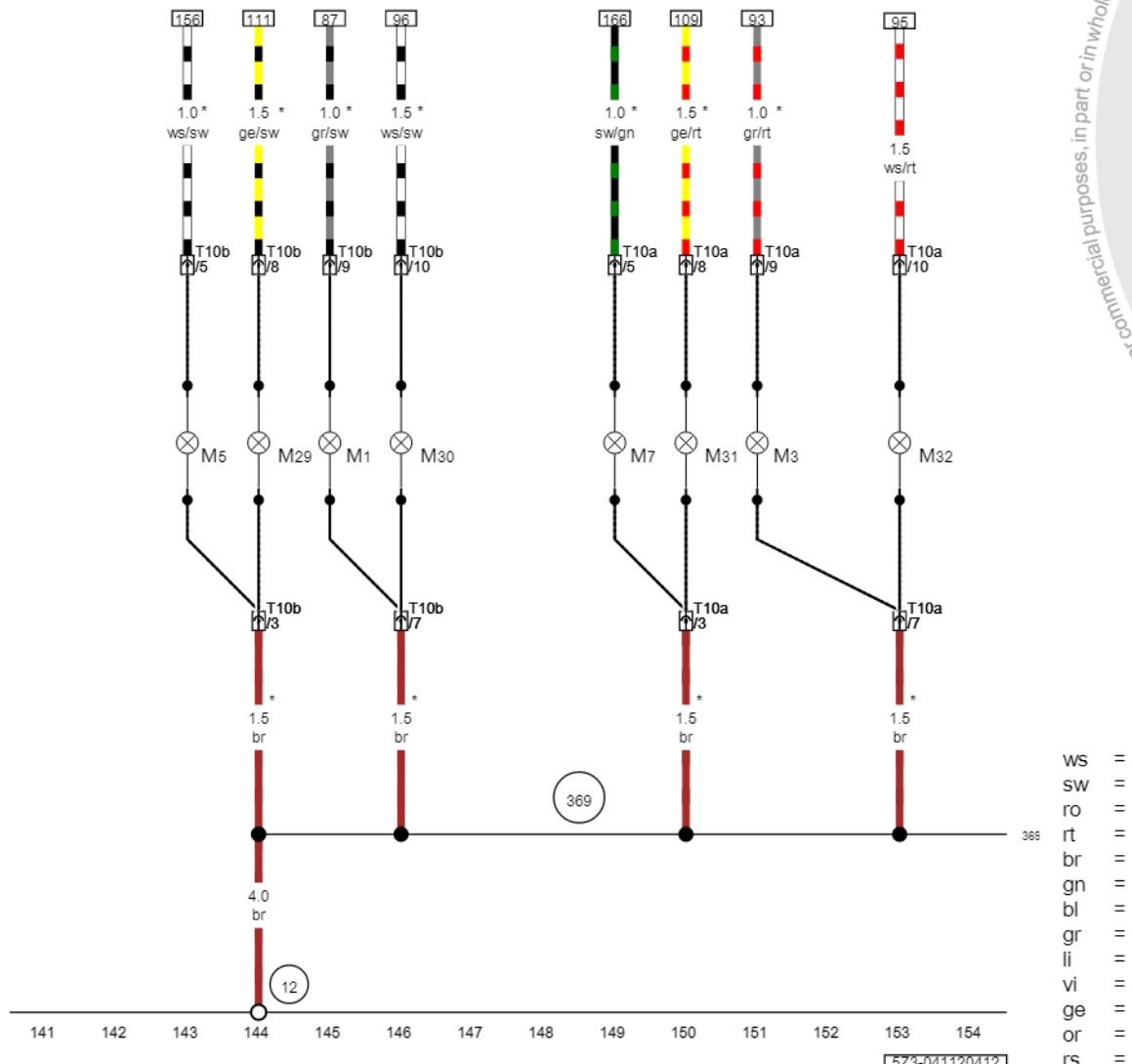
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

127 128 129 130 131 132 133 134 135 136 137 138 139 140
F573-0411104121

Protected by Copyright Volkswagen AG. Copying for private purposes, in part or in whole, is not permitted unless authorised by the copyright holder. Acceptability with respect to the correctness of information in this document is not accepted by Volkswagen AG.

Left side light bulb, Right side light bulb, Front left turn signal bulb, Front right turn signal bulb, Left headlight dipped beam bulb, Left headlight main beam bulb, Right headlight dipped beam bulb, Right headlight main beam bulb

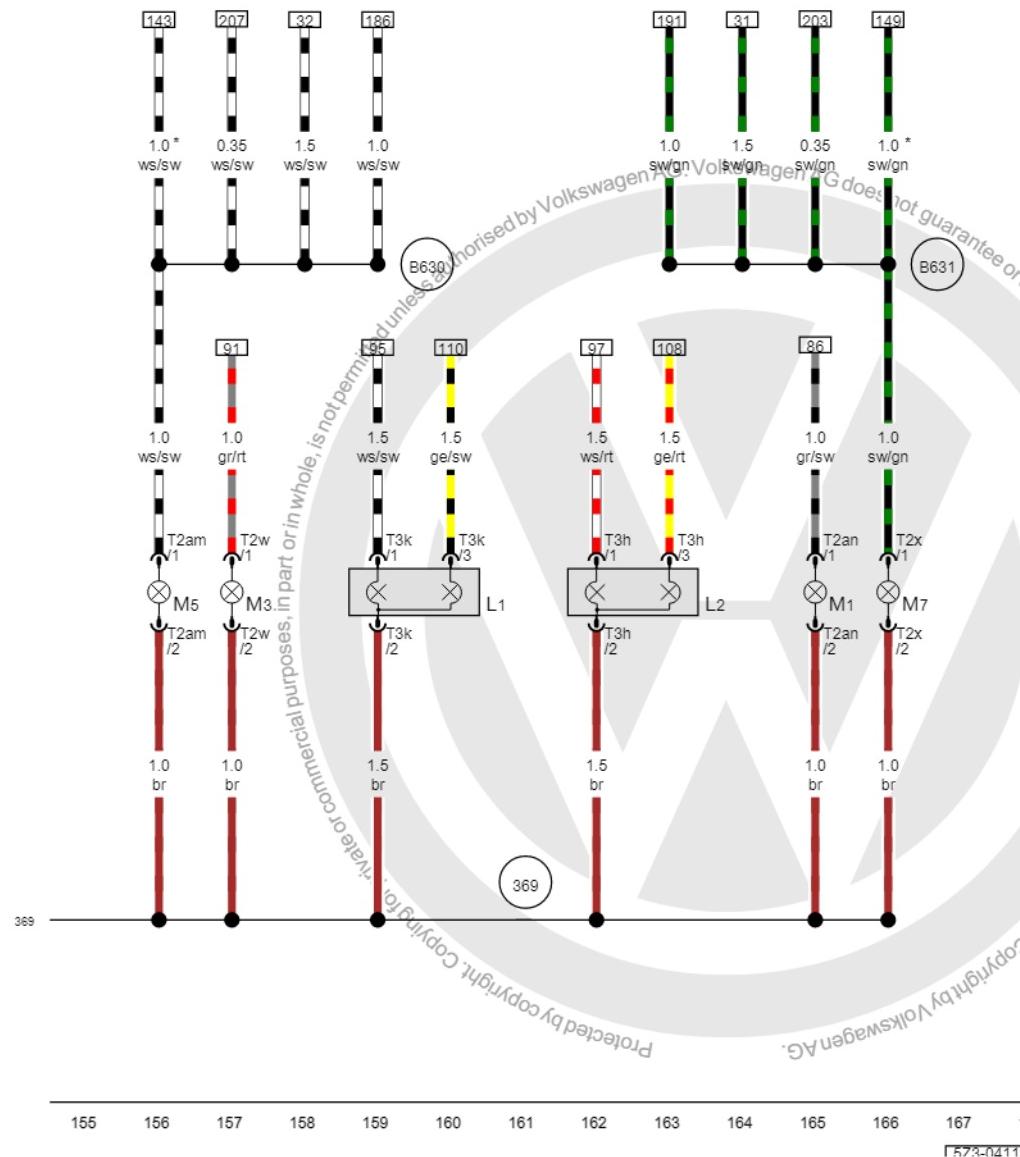
- M1 Left side light bulb
- M3 Right side light bulb
- M5 Front left turn signal bulb
- M7 Front right turn signal bulb
- M29 Left headlight dipped beam bulb
- M30 Left headlight main beam bulb
- M31 Right headlight dipped beam bulb
- M32 Right headlight main beam bulb
- T10a 10-pin connector
- T10b 10-pin connector
- 12 Earth point, on left in engine compartment
- 369 Earth connection 4, in main wiring harness
- * Only models with dual headlights



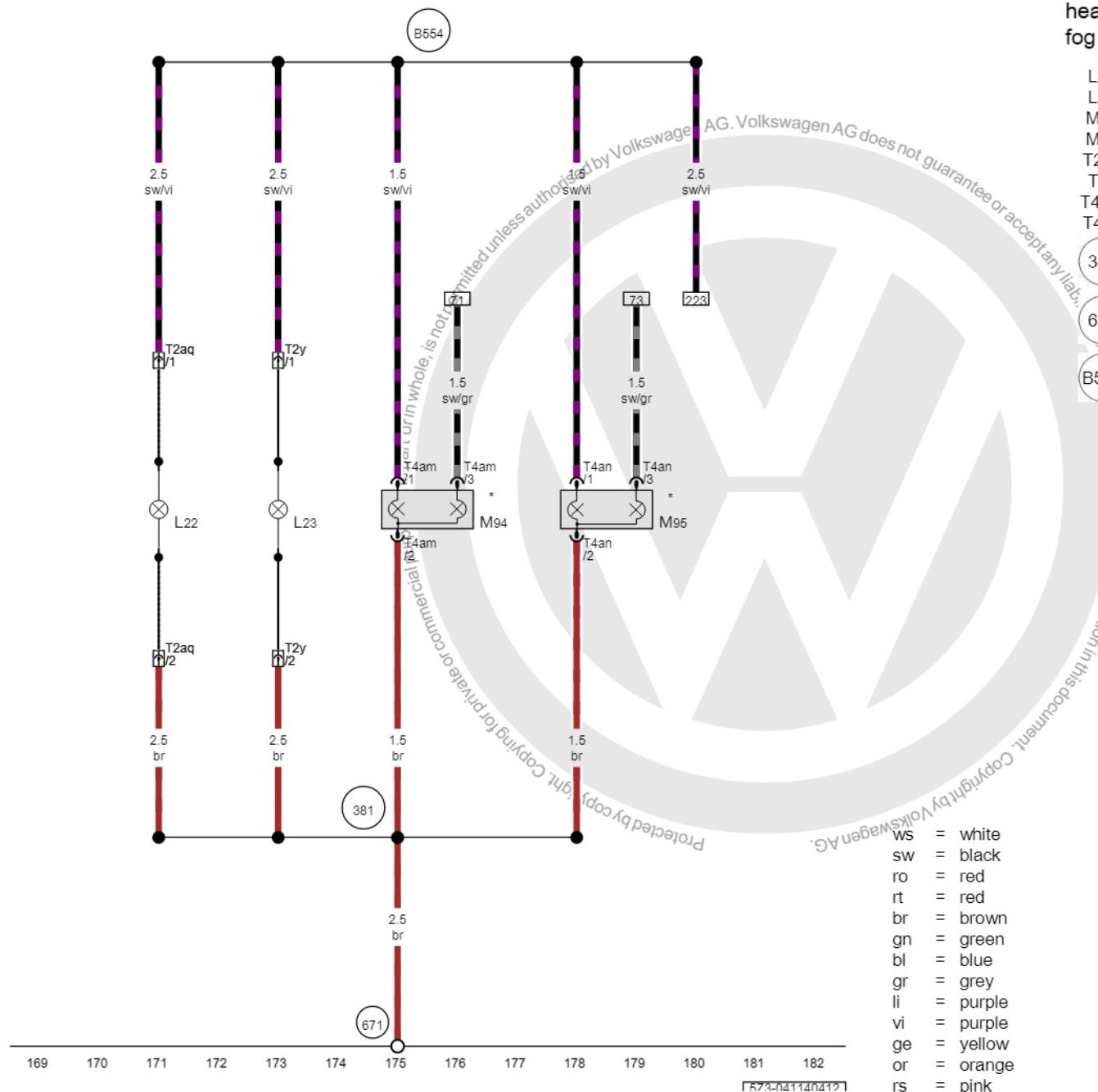
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Left headlight twin filament bulb, Right headlight twin filament bulb, Left side light bulb, Right side light bulb, Front left turn signal bulb, Front right turn signal bulb

- L1 Left headlight twin filament bulb
 - L2 Right headlight twin filament bulb
 - M1 Left side light bulb
 - M3 Right side light bulb
 - M5 Front left turn signal bulb
 - M7 Front right turn signal bulb
 - T2am 2-pin connector
 - T2an 2-pin connector
 - T2w 2-pin connector
 - T2x 2-pin connector
 - T3h 3-pin connector
 - T3k 3-pin connector
 - 369 Earth connection 4, in main wiring harness
 - B630 Positive connection (left turn signal bulb), in main wiring harness
 - B631 Positive connection (right turn signal bulb), in main wiring harness
- * Only models with dual headlights



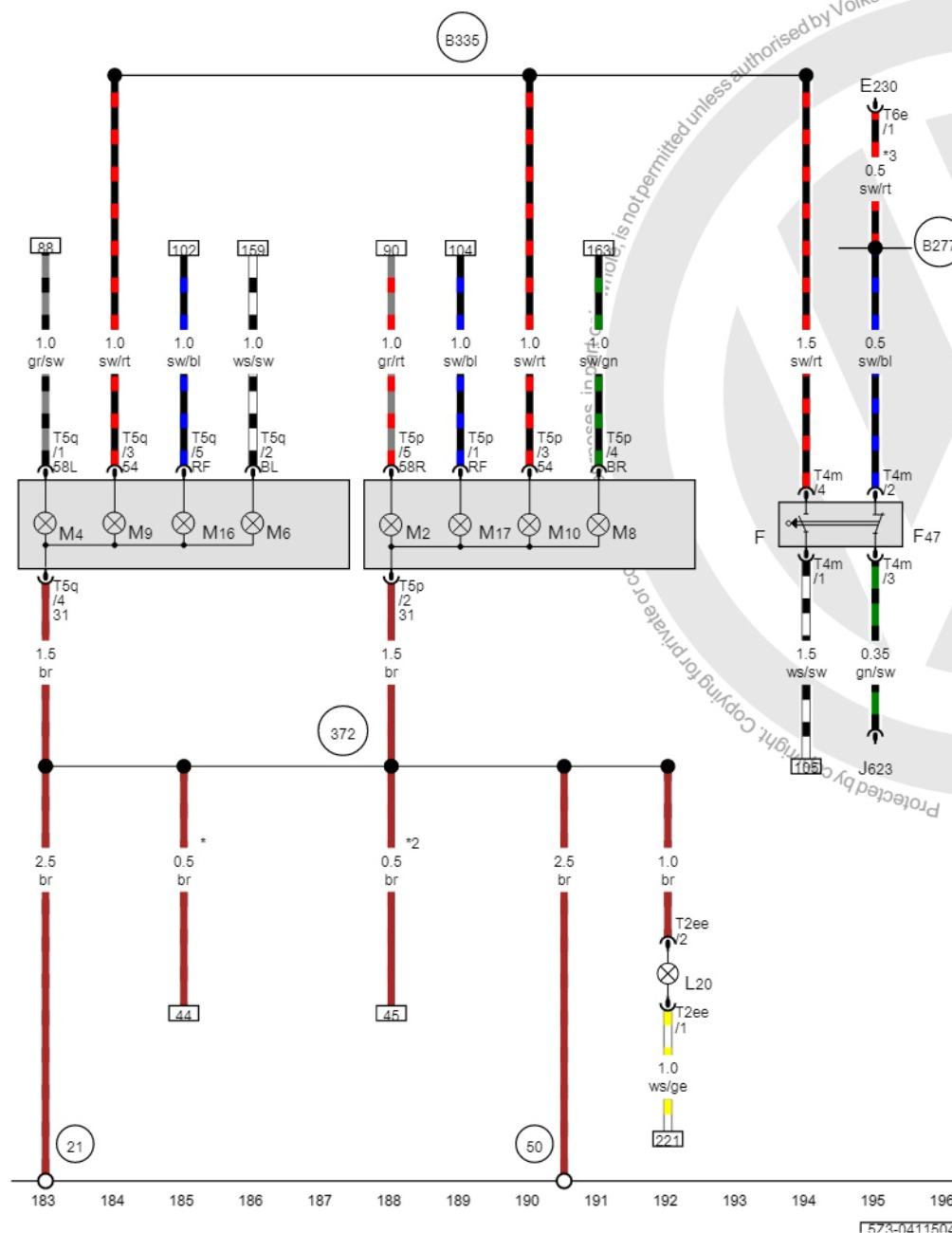
ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink



Left fog light bulb, Right fog light bulb, Left main beam headlight and fog light bulb, Right main beam headlight and fog light bulb

- | | |
|------|---|
| L22 | Left fog light bulb |
| L23 | Right fog light bulb |
| M94 | Left main beam headlight and fog light bulb |
| M95 | Right main beam headlight and fog light bulb |
| T2aq | 2-pin connector |
| T2y | 2-pin connector |
| T4am | 4-pin connector |
| T4an | 4-pin connector |
| 381 | Earth connection 16, in main wiring harness |
| 671 | Earth point 1, on front of left longitudinal member |
| B554 | Connection (fog light), in main wiring harness |
| * At | Only CROSS models |

* Only CROSS models



Brake light switch, Brake pedal switch, Rear fog light bulb, Right tail light bulb, Left tail light bulb, Rear left turn signal bulb, Rear right turn signal bulb, Left brake light bulb, Right brake light bulb, Left reversing light bulb, Right reversing light bulb

E230 Heated rear window button

F47 Brake light switch

J623 Engine control unit

L20 Right tail light bulb

M2 Right tail light bulb

M4 Left tail light bulb

M6 Rear left turn signal bulb

M8 Rear right turn signal bulb

M9 Left brake light bulb

M10 Right brake light bulb

M16 Left reversing light bulb

M17 Right reversing light bulb

T2ee 2-pin connector

T4m 4-pin connector

T5p 5-pin connector

T5q 5-pin connector

T6e 6-pin connector

21 Earth point, near fuel pump

50 Earth point, on left in luggage compartment

372 Earth connection 7, in main wiring harness

B277 Positive connection 1 (15a) in main wiring harness

B335 Connection 1 (54), in main wiring harness

* Only models with 4-doors

*2 Only CROSS models

*3 Only models with rain and light sensor

ws = white

sw = black

ro = red

rt = red

br = brown

gn = green

bl = blue

gr = grey

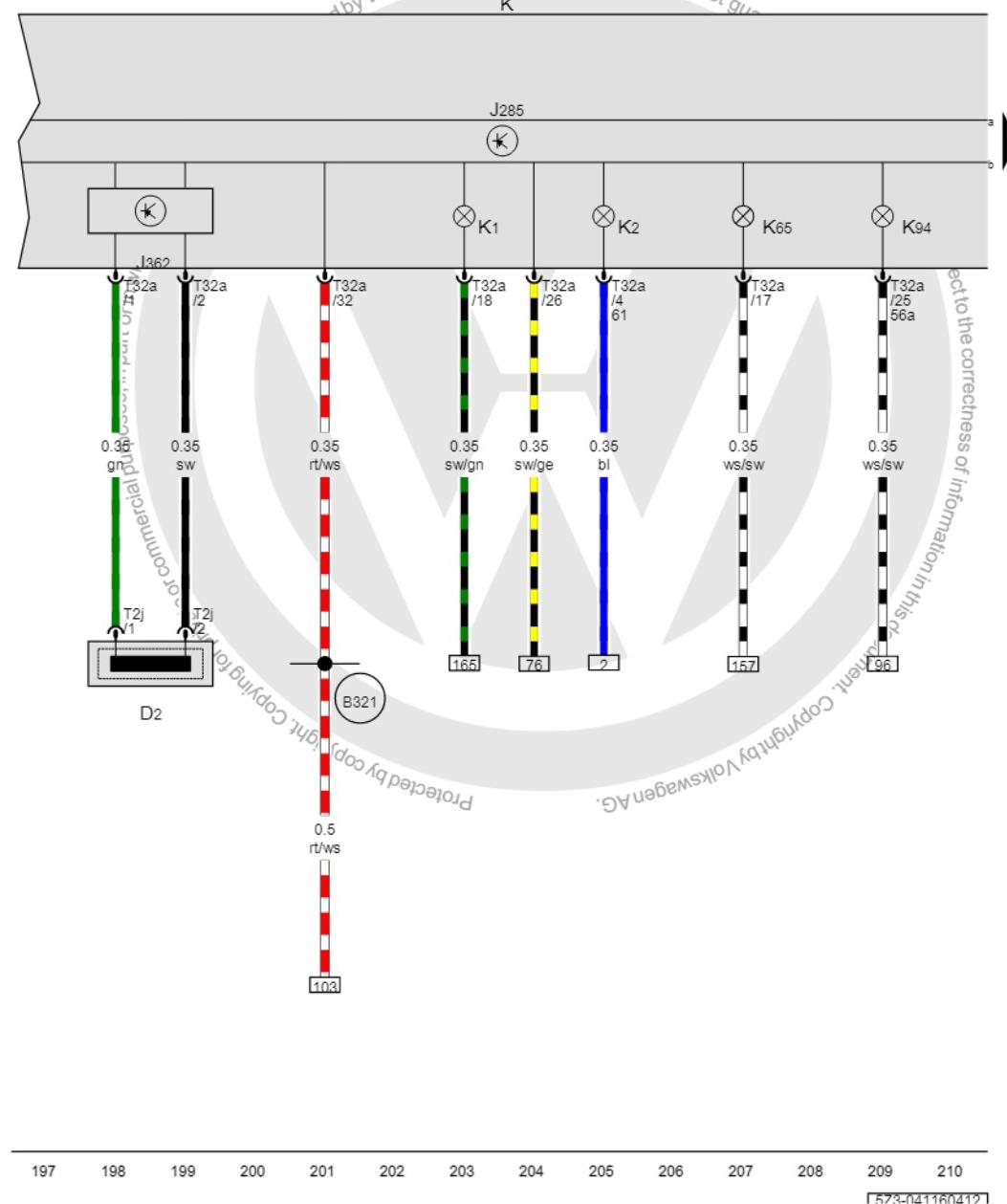
li = purple

vi = purple

ge = yellow

or = orange

rs = pink



Protected by copyright. Copying for right of commercial use is illegal.
Copyright by Volkswagen AG. Volkswagen AG does not guarantee the correctness of information in this document. Changes may have been made since publication.

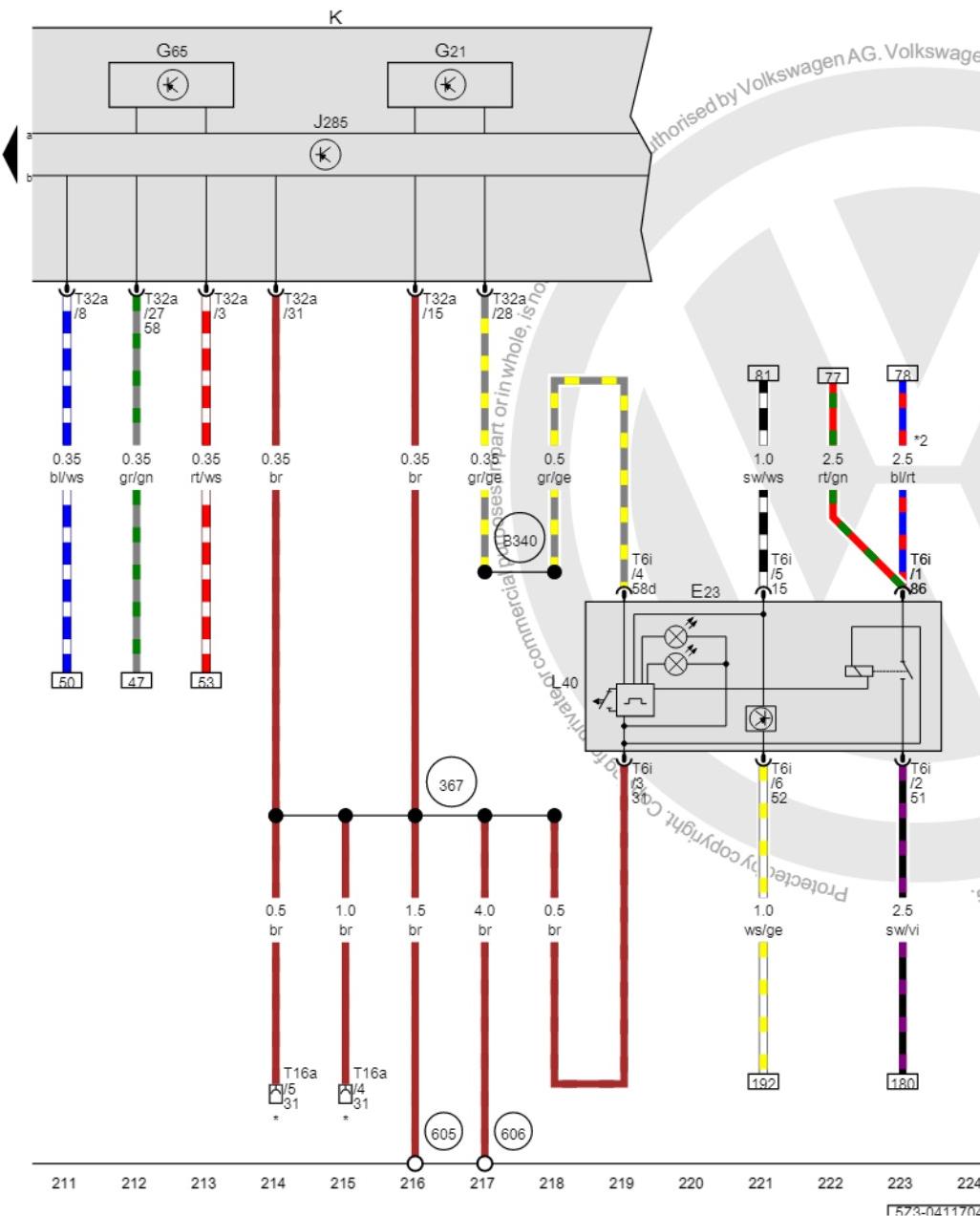
Immobiliser reader coil, Control unit in dash panel insert,
Immobiliser control unit, Dash panel insert, Main beam
warning lamp, Alternator warning lamp, Left turn signal
warning lamp, Right turn signal warning lamp

- D2 Immobiliser reader coil
- J285 Control unit in dash panel insert
- J362 Immobiliser control unit
- K Dash panel insert
- K1 Main beam warning lamp
- K2 Alternator warning lamp
- K65 Left turn signal warning lamp
- K94 Right turn signal warning lamp
- T2j 2-pin connector
- T32a 32-pin connector

(B321) Positive connection 7 (30a) in main wiring harness

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

Front and rear fog light switch, Speedometer, High-pressure sender, Control unit in dash panel insert, Dash panel insert, Front and rear fog light switch illumination bulb



- E23 Front and rear fog light switch
 G21 Speedometer
 G65 High-pressure sender
 J285 Control unit in dash panel insert
 K Dash panel insert
 L40 Front and rear fog light switch illumination bulb
 T6i 6-pin connector
 T16a 16-pin connector
 T32a 32-pin connector

367 Earth connection 2, in main wiring harness

605 Earth point, on top end of steering column

606 Earth point, under the centre console near gear stick

B340 Connection 1 (58d), in main wiring harness

* Diagnostic connection

*² Only CROSS models

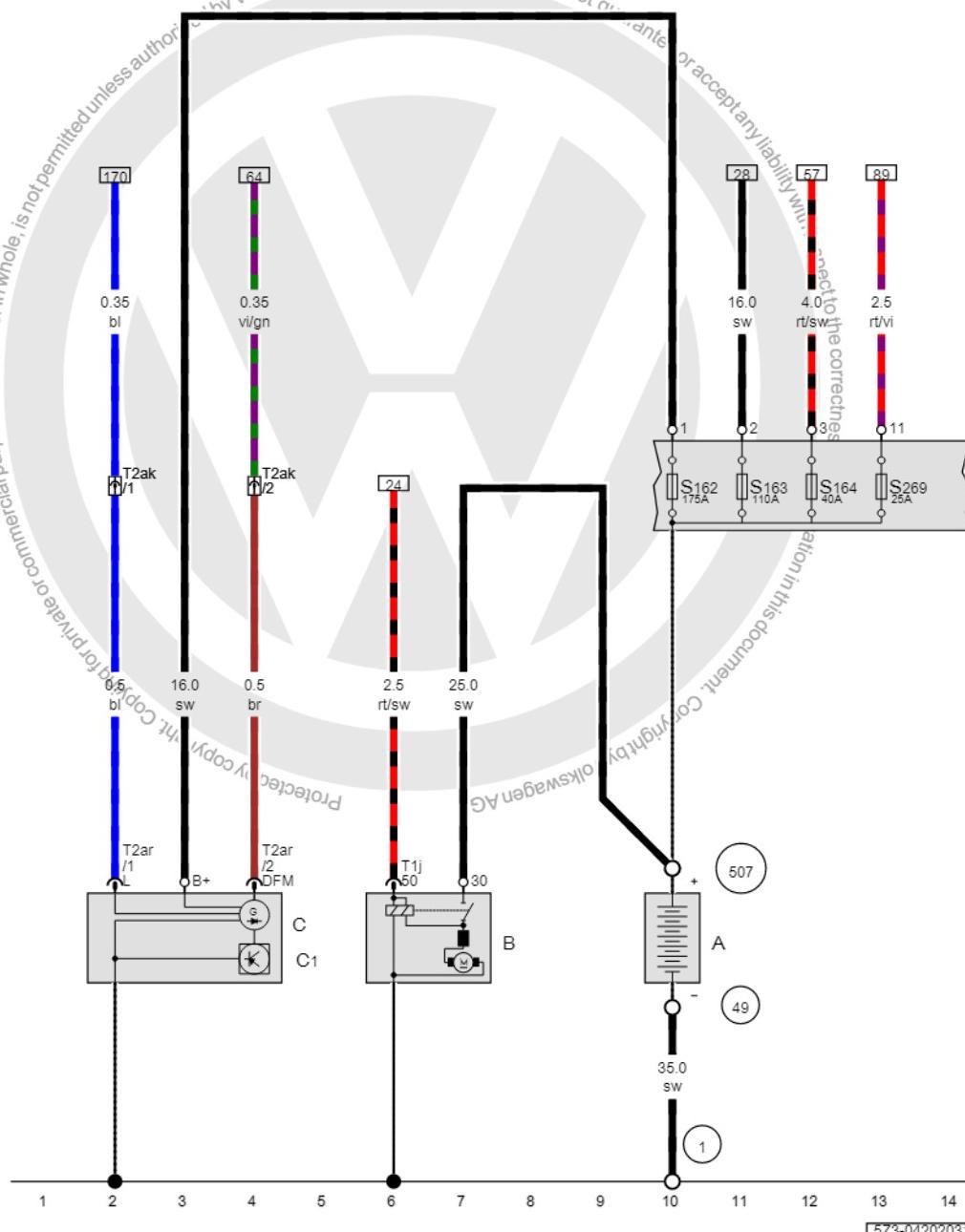
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

1.0l engine , CPBA

From July 2012

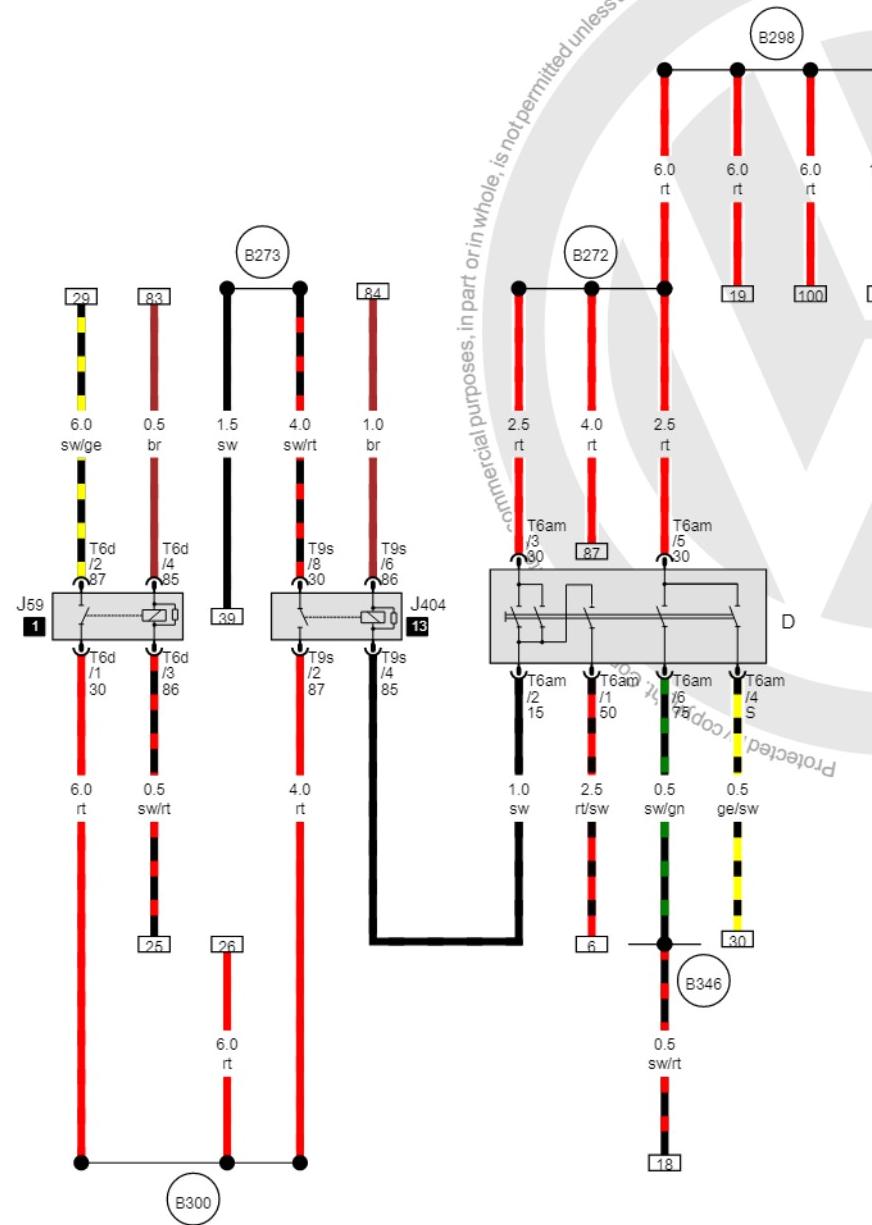


Battery, Starter, Alternator, Voltage regulator



- | | |
|----|----------|
| ws | = white |
| sw | = black |
| ro | = red |
| rt | = red |
| br | = brown |
| gn | = green |
| bl | = blue |
| gr | = grey |
| li | = purple |
| vi | = purple |
| ge | = yellow |
| or | = orange |
| rs | = pink |

Current Flow Diagram



Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay

D Ignition/starter switch

J59 X-contact relief relay

J404 Terminal 15 relief relay

T6am 6-pin connector

T6d 6-pin connector

T9s 9-pin connector

B272 Positive connection (30), in main wiring harness

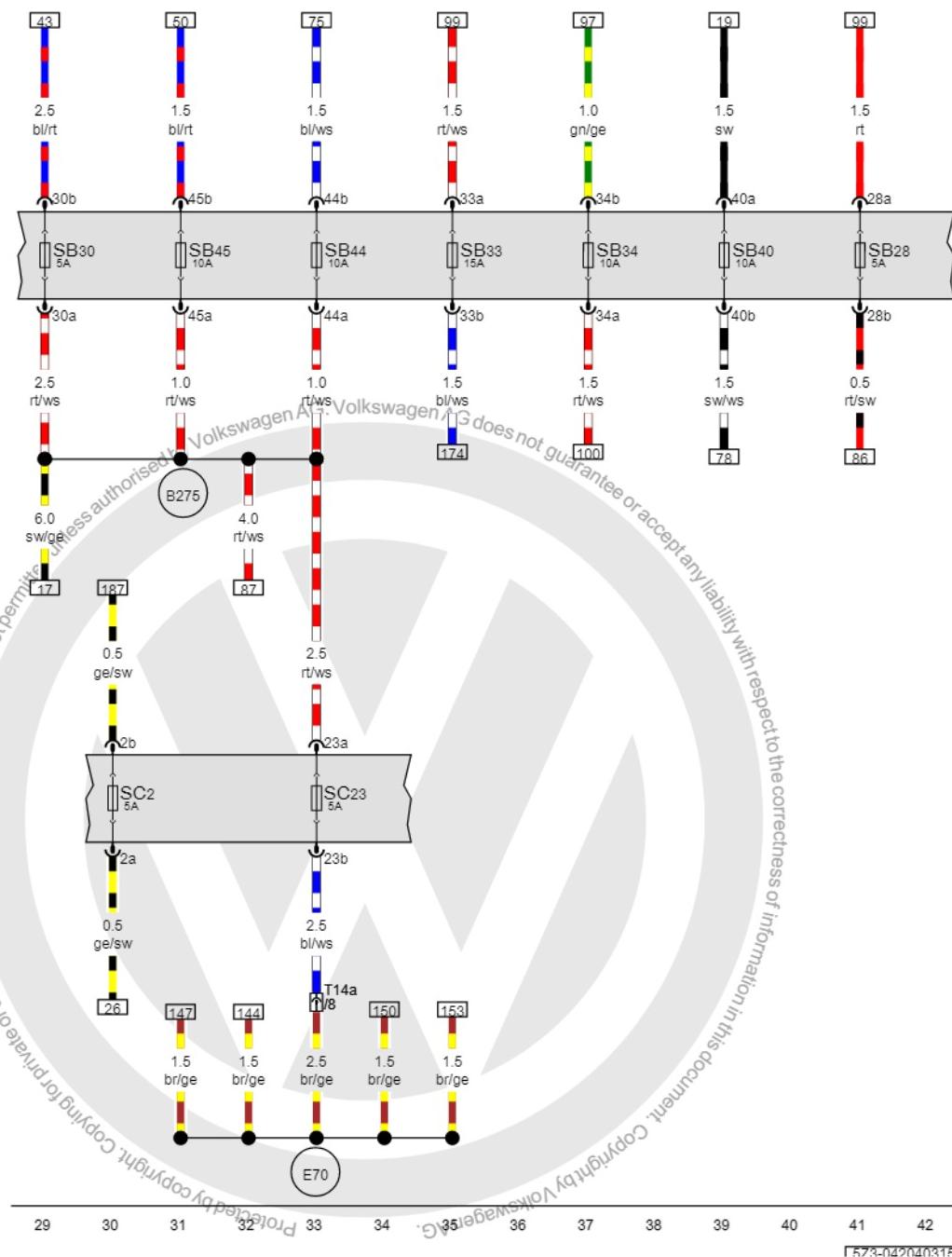
B273 Positive connection (15), in main wiring harness

B298 Positive connection 2 (30), in main wiring harness

B300 Positive connection 4 (30), in main wiring harness

B346 Connection 1 (75), in main wiring harness

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink



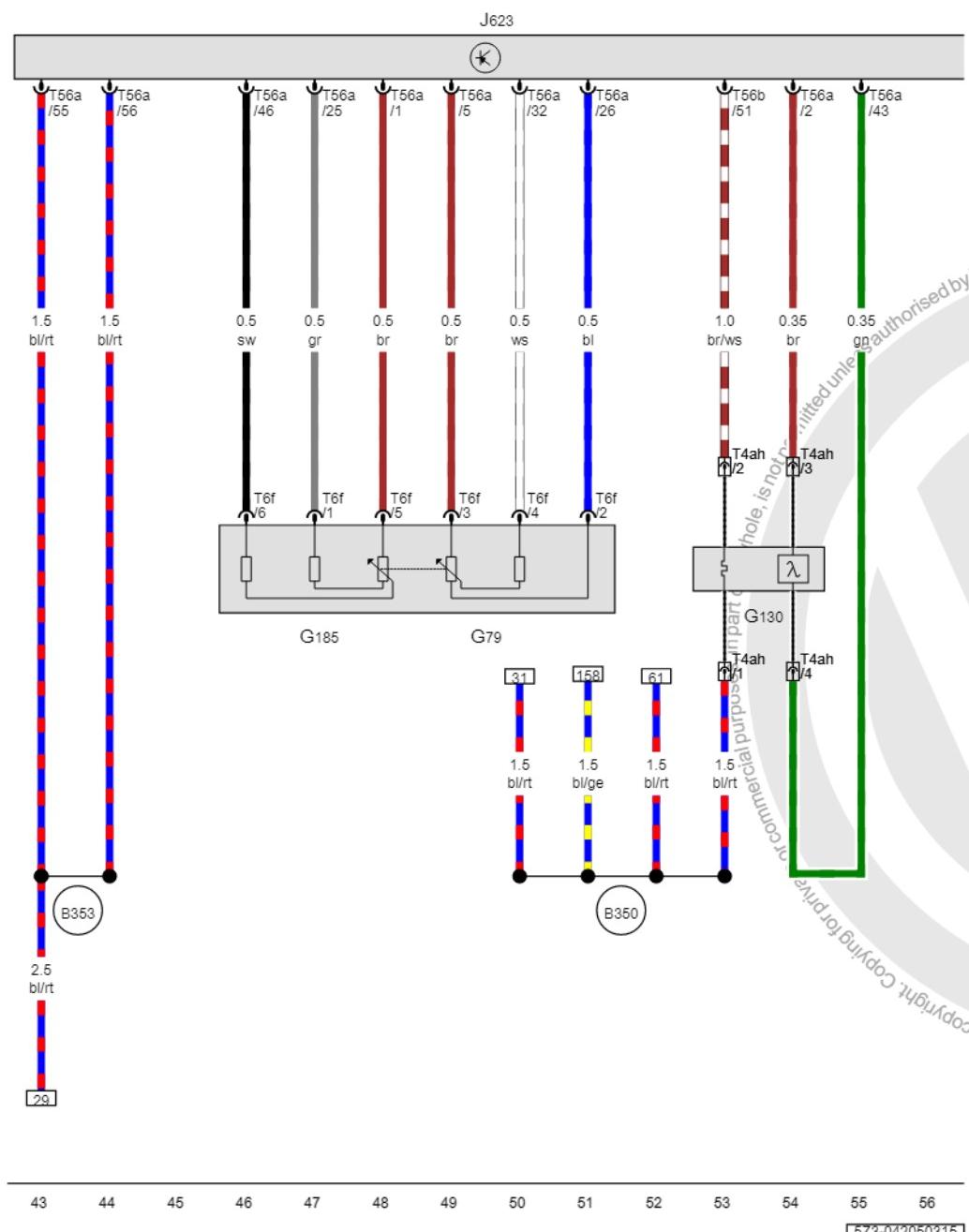
Fuse 2 on fuse holder C, Fuse 23 on fuse holder C, Fuse 28 on fuse holder B, Fuse 30 on fuse holder B, Fuse 33 on fuse holder B, Fuse 34 on fuse holder B, Fuse 40 on fuse holder B, Fuse 44 on fuse holder B, Fuse 45 on fuse holder B

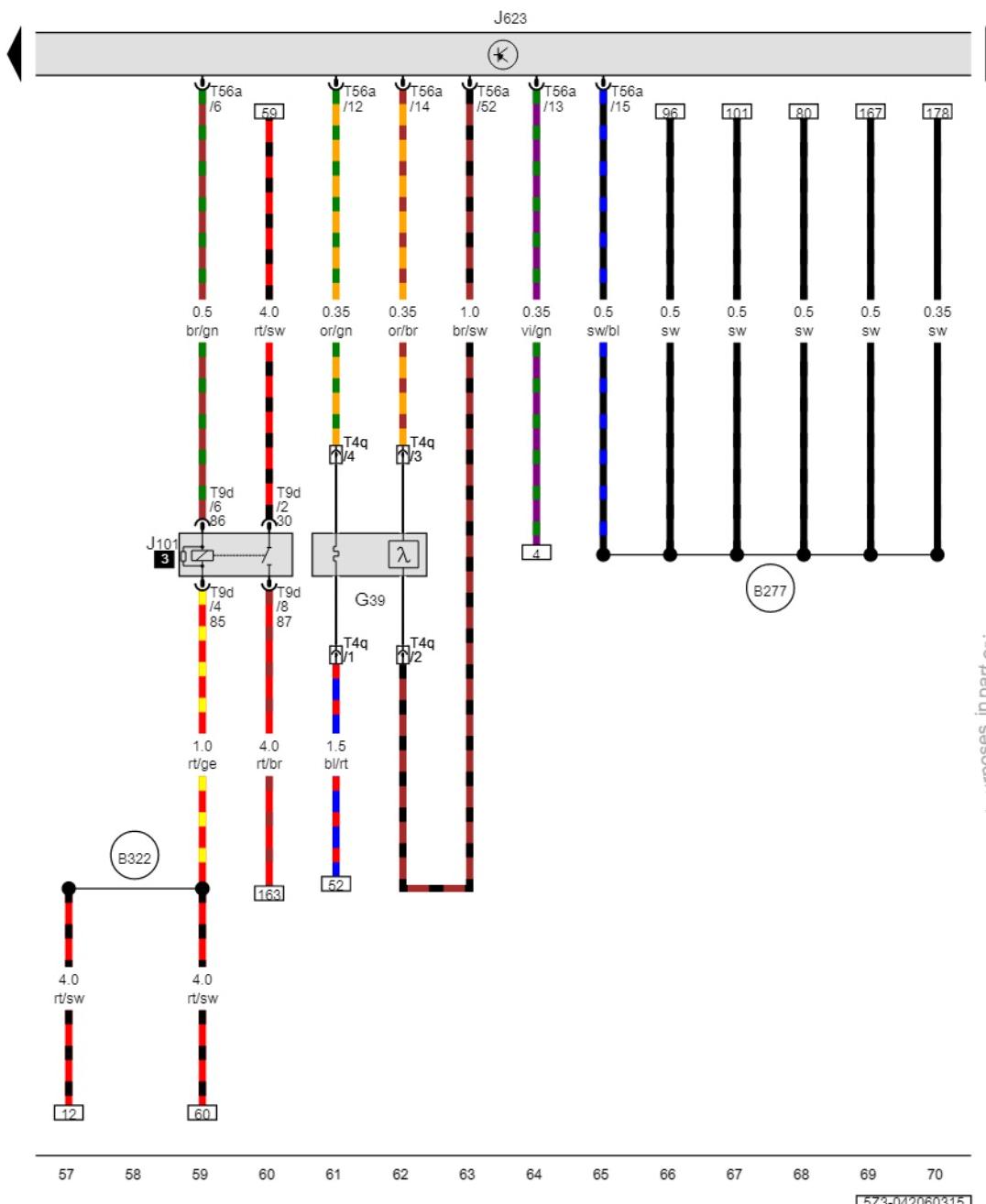
- SC2 Fuse 2 on fuse holder C
- SC23 Fuse 23 on fuse holder C
- SB28 Fuse 28 on fuse holder B
- SB30 Fuse 30 on fuse holder B
- SB33 Fuse 33 on fuse holder B
- SB34 Fuse 34 on fuse holder B
- SB40 Fuse 40 on fuse holder B
- SB44 Fuse 44 on fuse holder B
- SB45 Fuse 45 on fuse holder B
- T14a 14-pin connector, in engine compartment
- (B275) Positive connection (87), in main wiring harness
- (E70) Positive connection (15a) in engine wiring harness

Accelerator position sender, Lambda probe after catalytic converter, Accelerator position sender 2, Engine control unit

G79 Accelerator position sender
 G130 Lambda probe after catalytic converter
 G185 Accelerator position sender 2
 J623 Engine control unit
 T4ah 4-pin connector
 T6f 6-pin connector
 T56a 56-pin connector
 T56b 56-pin connector

B350 Positive connection 1 (87a) in main wiring harness
 B353 Positive connection 4 (87a) in main wiring harness



Lambda probe, Radiator fan 2nd speed relay, Engine control unit


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

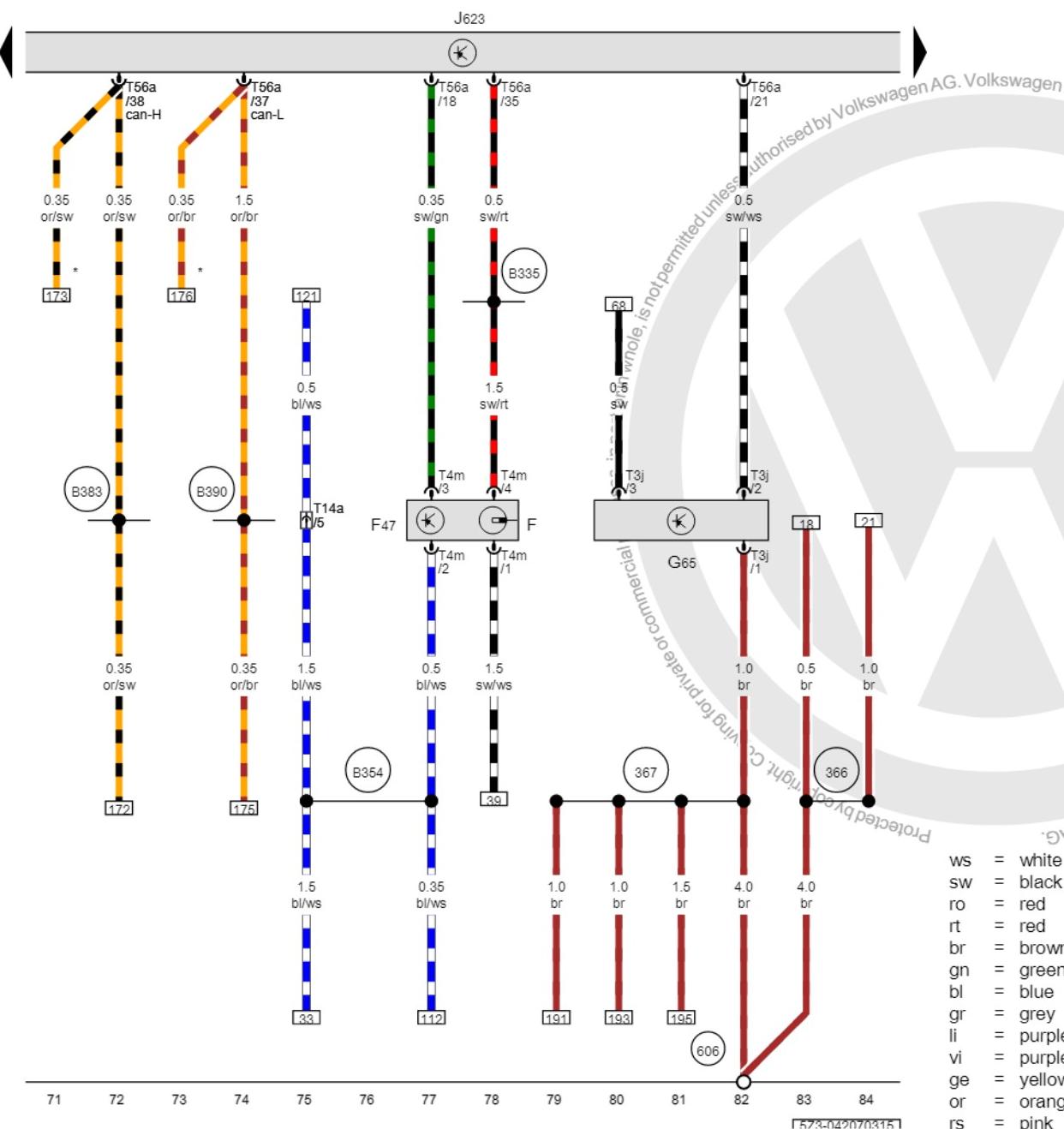
- G39 Lambda probe
J101 Radiator fan 2nd speed relay
J623 Engine control unit
T4q 4-pin connector
T9d 9-pin connector
T56a 56-pin connector

(B277) Positive connection 1 (15a) in main wiring harness

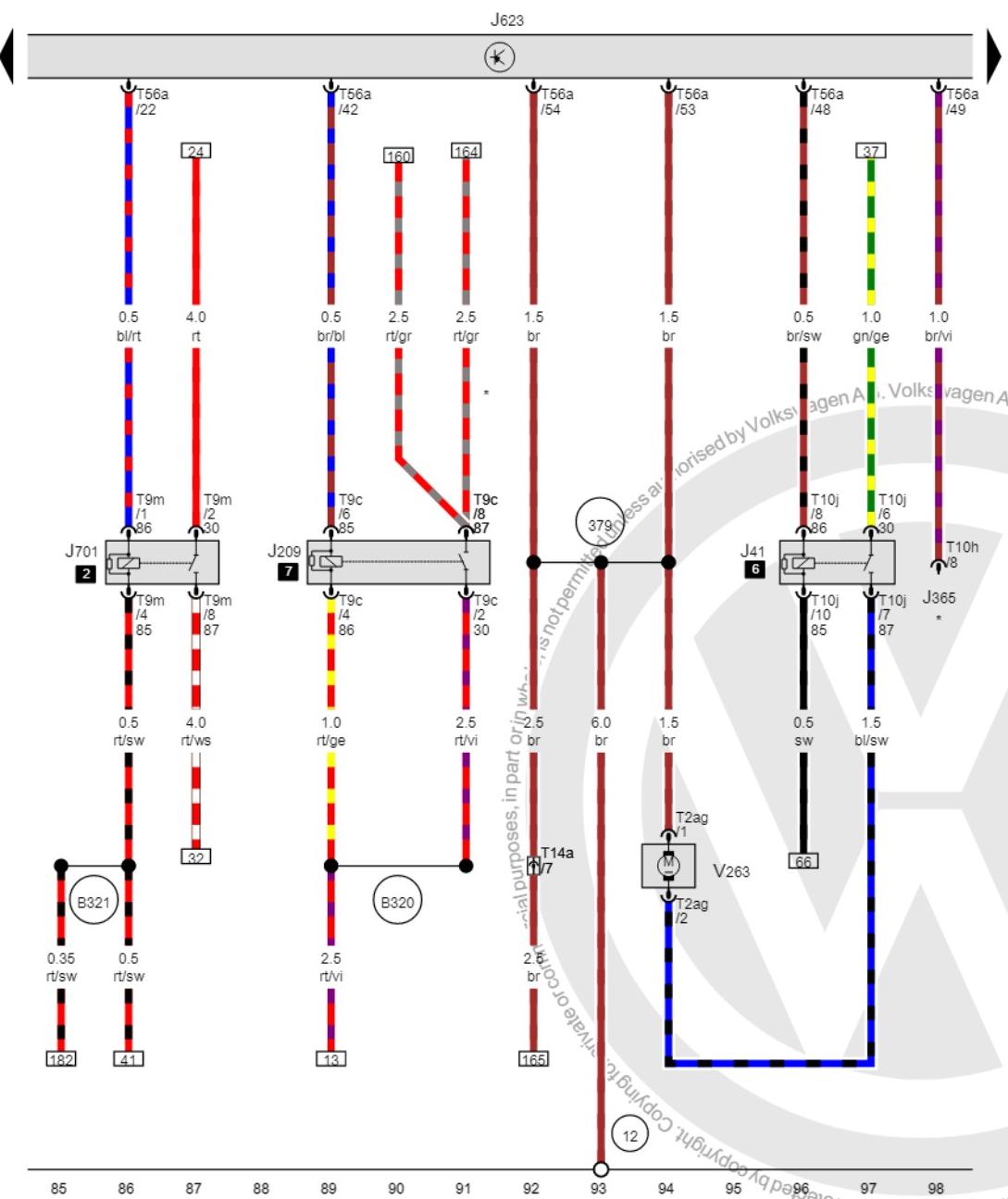
(B322) Positive connection 8 (30a) in main wiring harness

Protected by copyright. Volkswagen AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copying or reproduction in whole or in part is not permitted unless authorised by Volkswagen AG.

Brake light switch, Brake pedal switch, High-pressure sender, Engine control unit



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

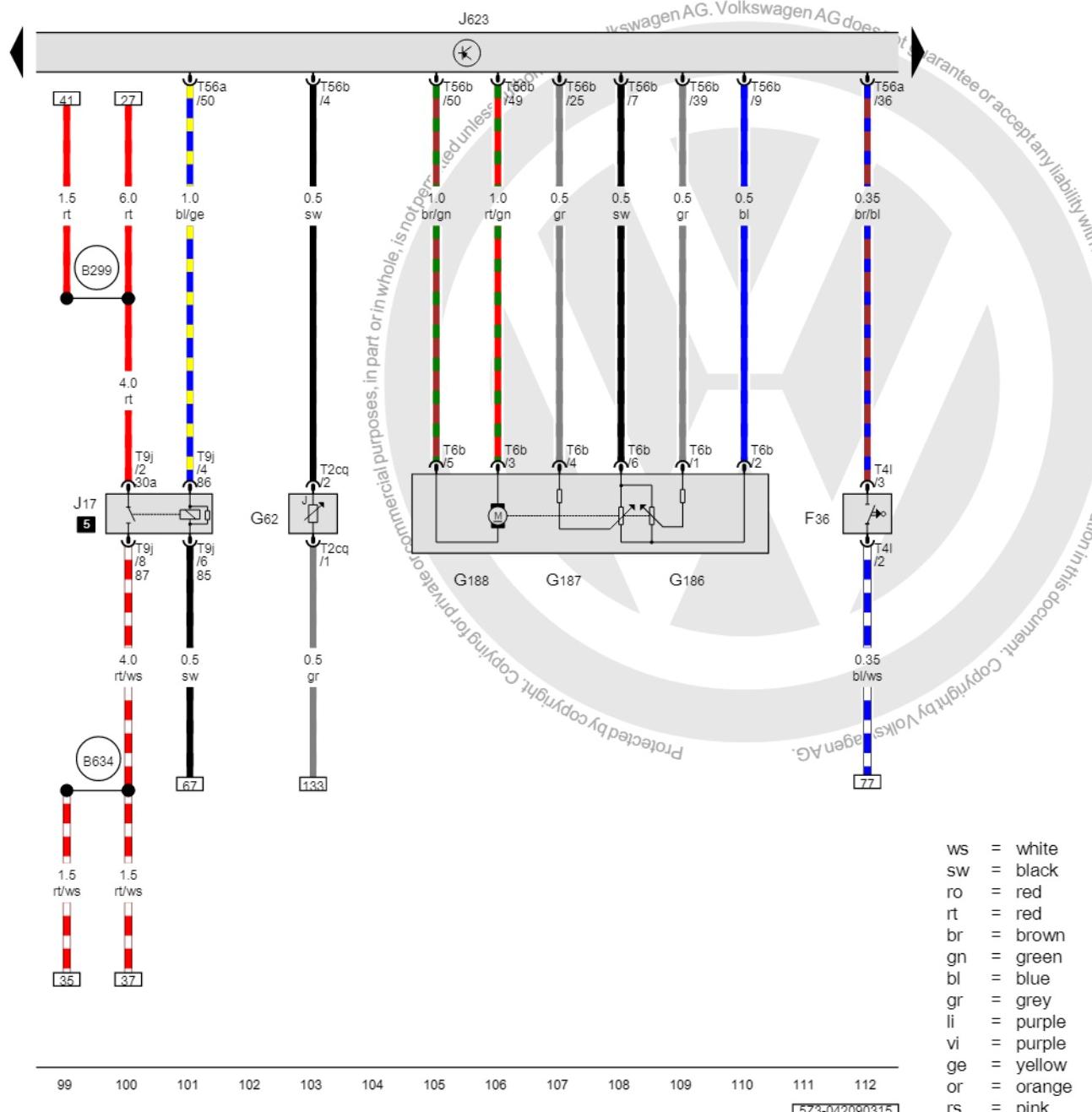


Cold start device relay, Fresh air blower and radiator fan relay, Engine control unit, Voltage supply relay 1, Fuel pump for cold start

- J41 Cold start device relay
- J209 Fresh air blower and radiator fan relay
- J365 Air conditioning system switch-off relay
- J623 Engine control unit
- J701 Voltage supply relay 1
- T2ag 2-pin connector
- T9c 9-pin connector
- T9m 9-pin connector
- T10h 10-pin connector
- T10j 10-pin connector
- T14a 14-pin connector, in engine compartment
- T56a 56-pin connector
- V263 Fuel pump for cold start
- 12 Earth point, on left in engine compartment
- 379 Earth connection 14, in main wiring harness
- B320 Positive connection 6 (30a) in main wiring harness
- B321 Positive connection 7 (30a) in main wiring harness

* Only models with air conditioning system

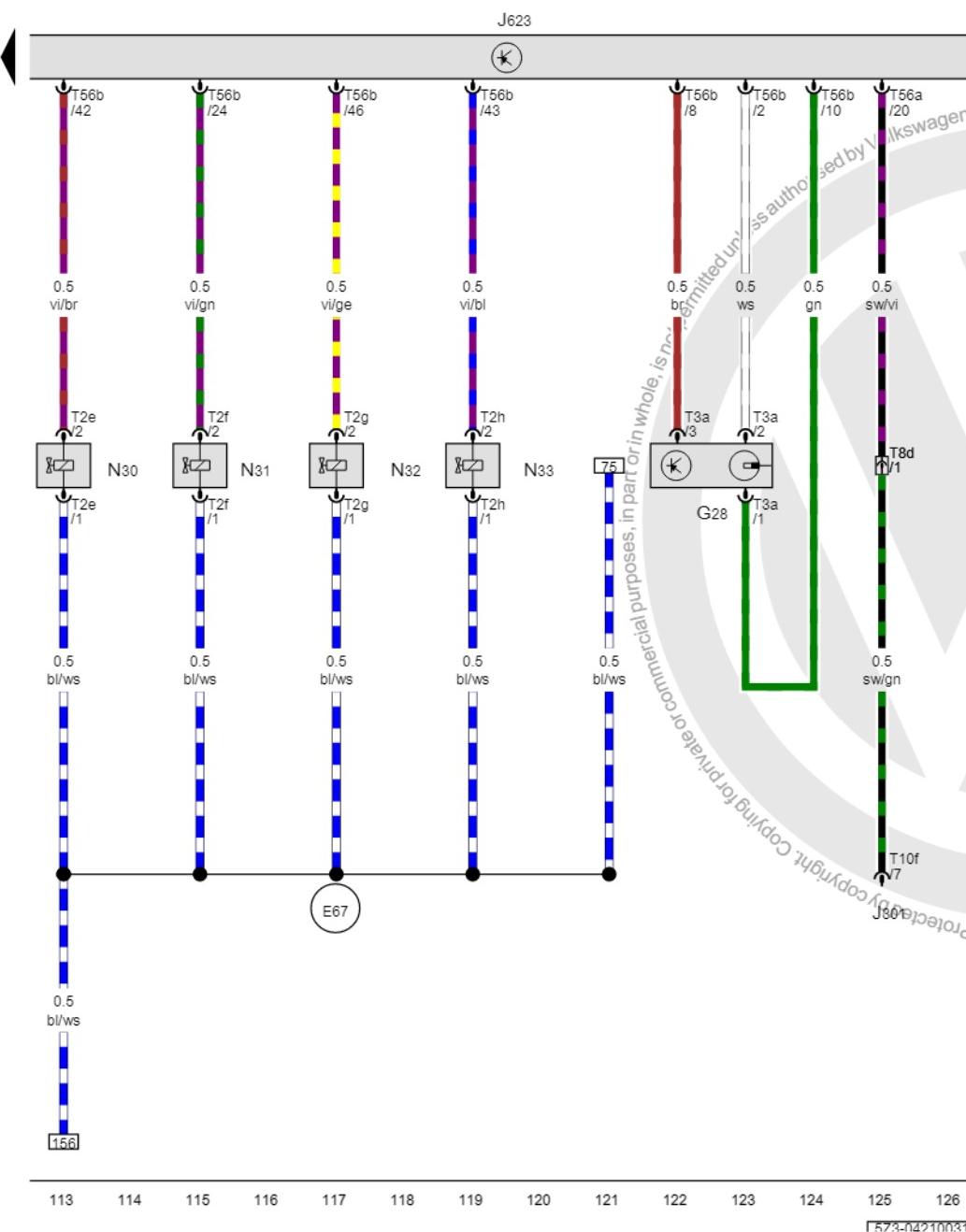
ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink



Protected by copyright. Copying or commercial purposes, in part or in whole, is not permitted.
Volkswagen AG. Volkswagen AG does not accept responsibility for any damage resulting from the use of this document. The guarantee or acceptance liability with respect to the correctness of information in this document is limited to the period of validity of the guarantee or acceptance.

- F36 Clutch pedal switch
 G62 Coolant temperature sender
 G186 Throttle valve drive for electric throttle
 G187 Throttle valve drive angle sender 1 for electric throttle
 G188 Throttle valve drive angle sender 2 for electric throttle
 J17 Fuel pump relay
 J623 Engine control unit
 T2cq 2-pin connector
 T4l 4-pin connector
 T6b 6-pin connector
 T9j 9-pin connector
 T56a 56-pin connector
 T56b 56-pin connector
 B299 Positive connection 3 (30), in main wiring harness
 B634 Positive connection 2 (87), in main wiring harness

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Engine speed sender, Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

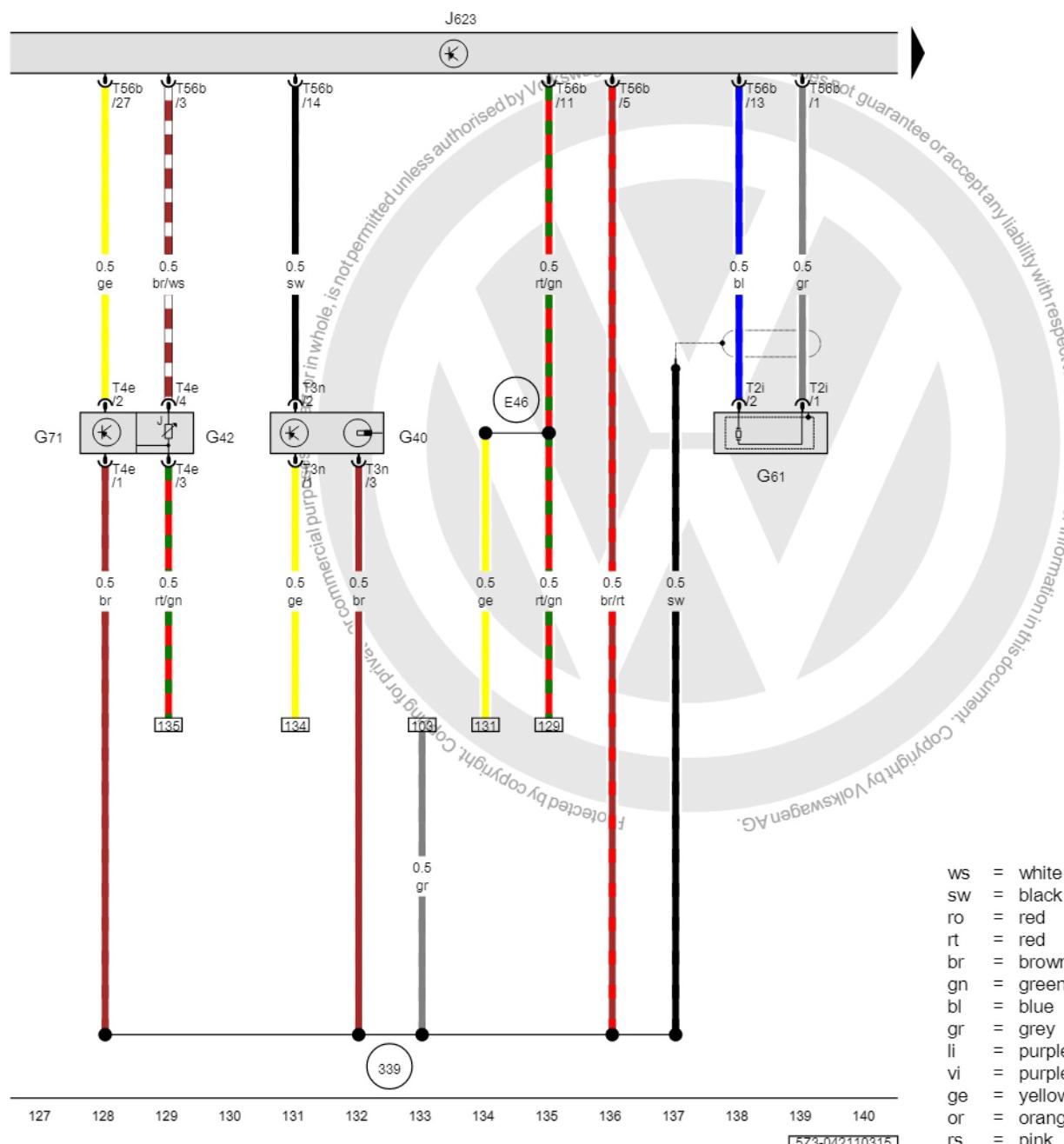
G28	Engine speed sender
J301	Air conditioning system control unit
J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2e	2-pin connector
T2f	2-pin connector
T2g	2-pin connector
T2h	2-pin connector
T3a	3-pin connector
T8d	8-pin connector
T10f	10-pin connector
T56a	56-pin connector
T56b	56-pin connector

(E67) Connection 1 (87a) in injection system wiring harness

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

Hall sender, Intake air temperature sender, Knock sensor 1,
Intake manifold pressure sender, Engine control unit

- G40 Hall sender
- G42 Intake air temperature sender
- G61 Knock sensor 1
- G71 Intake manifold pressure sender
- J623 Engine control unit
- T2i 2-pin connector
- T3n 3-pin connector
- T4e 4-pin connector
- T56b 56-pin connector
- (339) Earth connection (sender earth), in injection system wiring harness
- (E46) Positive connection 1 (5 Volt) in injection system wiring harness



ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

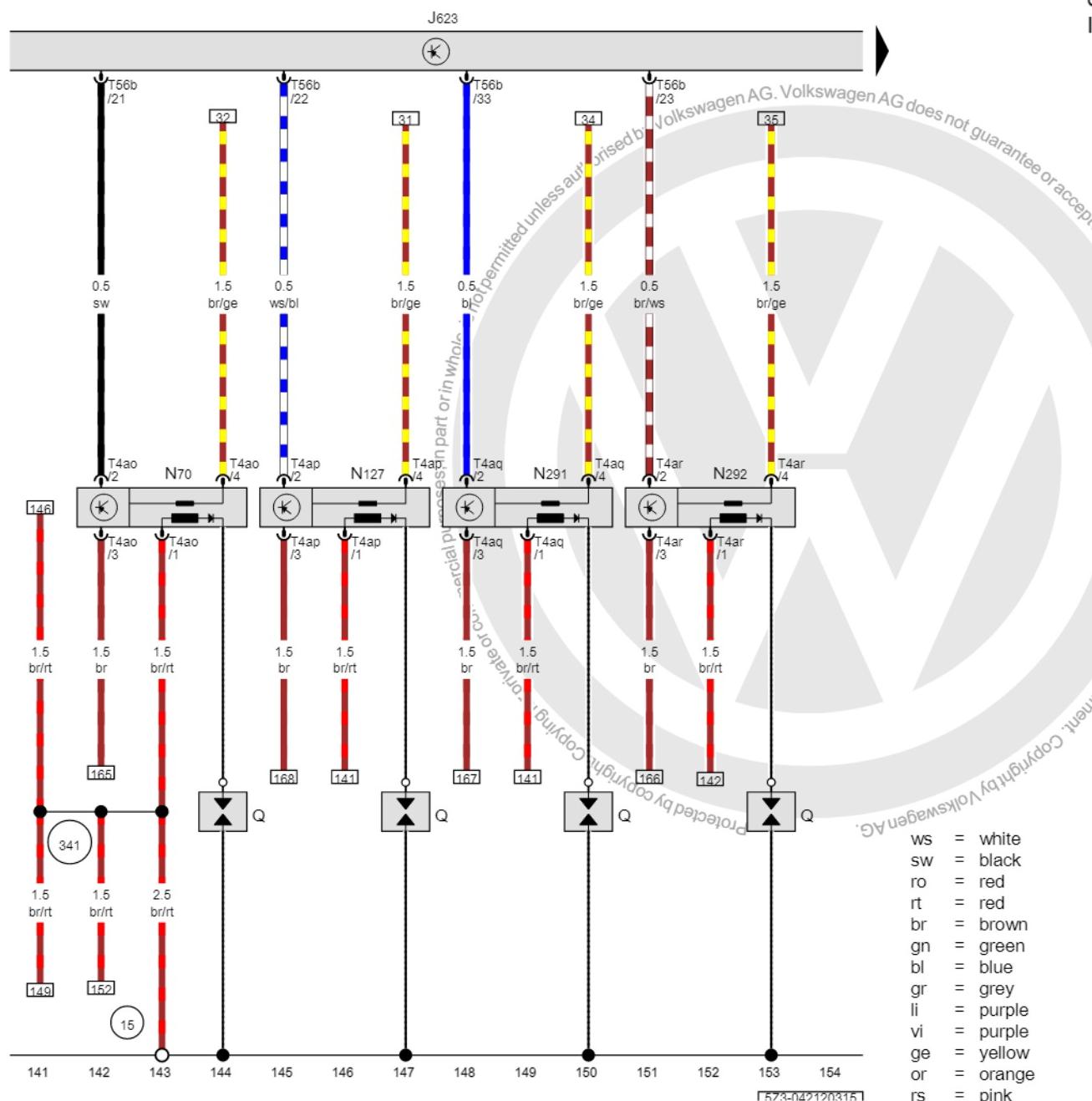
127 128 129 130 131 132 133 134 135 136 137 138 139 140
F573-0421103151

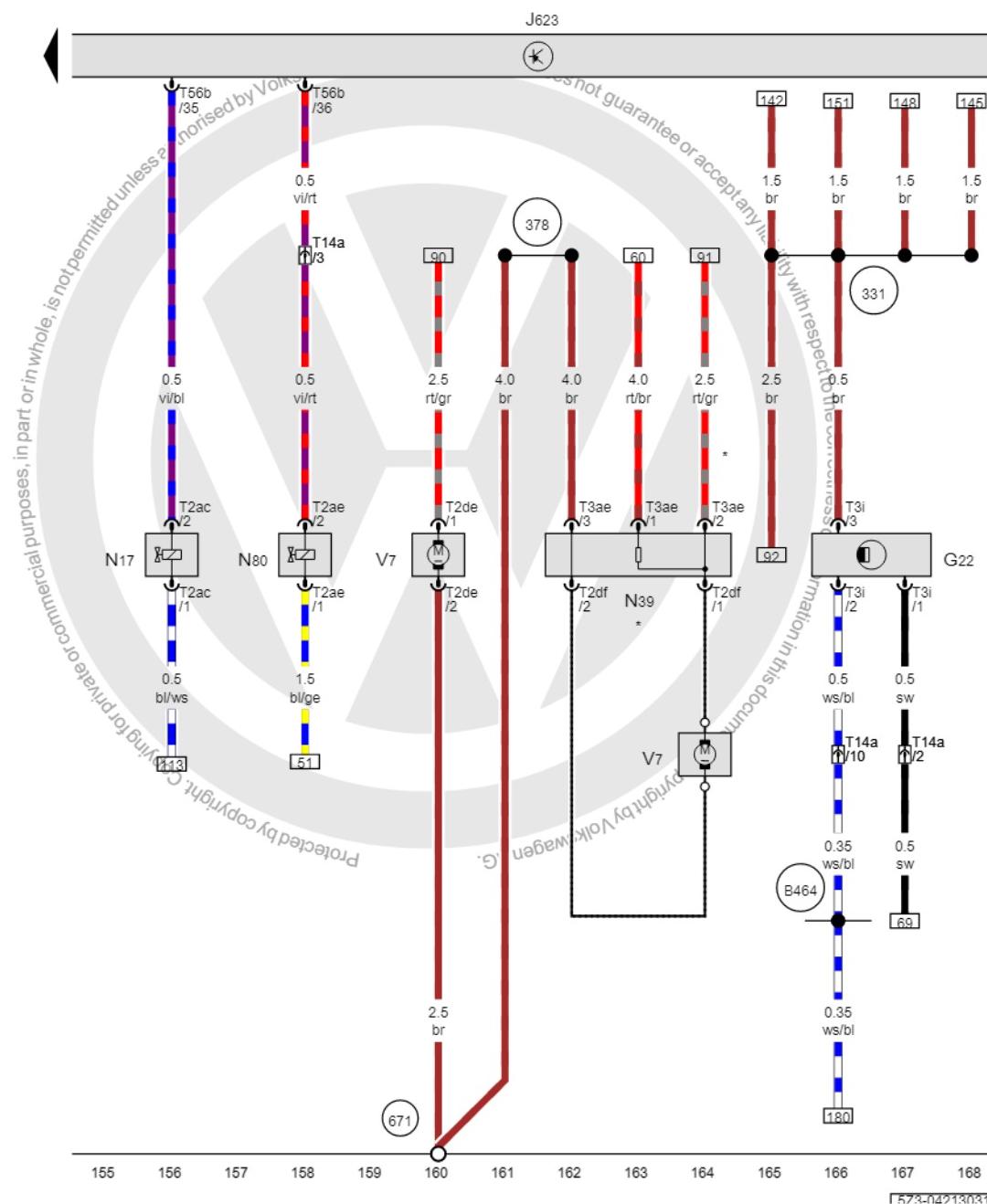
Engine control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage

J623 Engine control unit
 N70 Ignition coil 1 with output stage
 N127 Ignition coil 2 with output stage
 N291 Ignition coil 3 with output stage
 N292 Ignition coil 4 with output stage
 Q Spark plugs
 T4ao 4-pin connector
 T4ap 4-pin connector
 T4aq 4-pin connector
 T4ar 4-pin connector
 T56b 56-pin connector

15 Earth point, on cylinder head

341 Earth connection 3, in injection system wiring harness

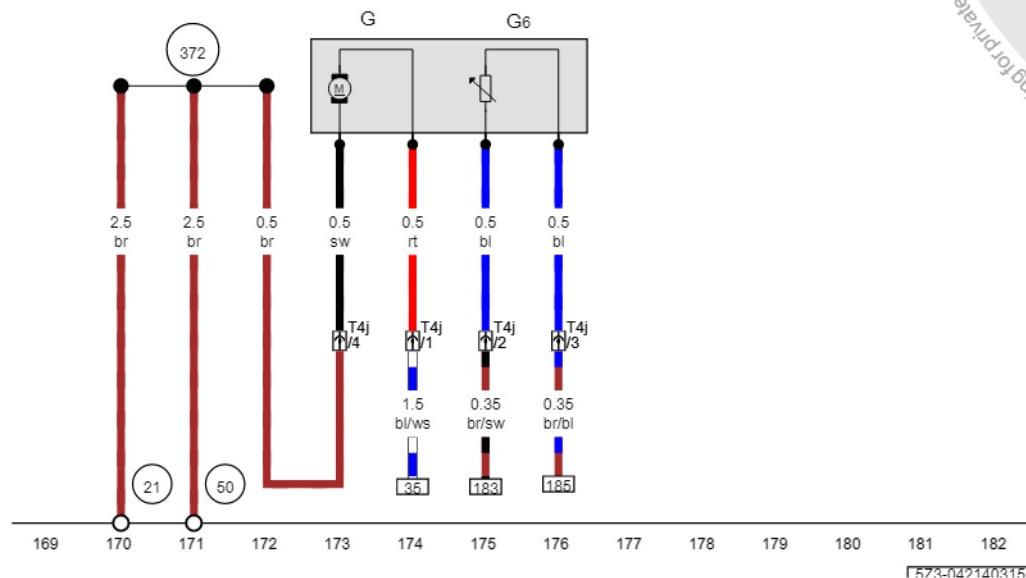
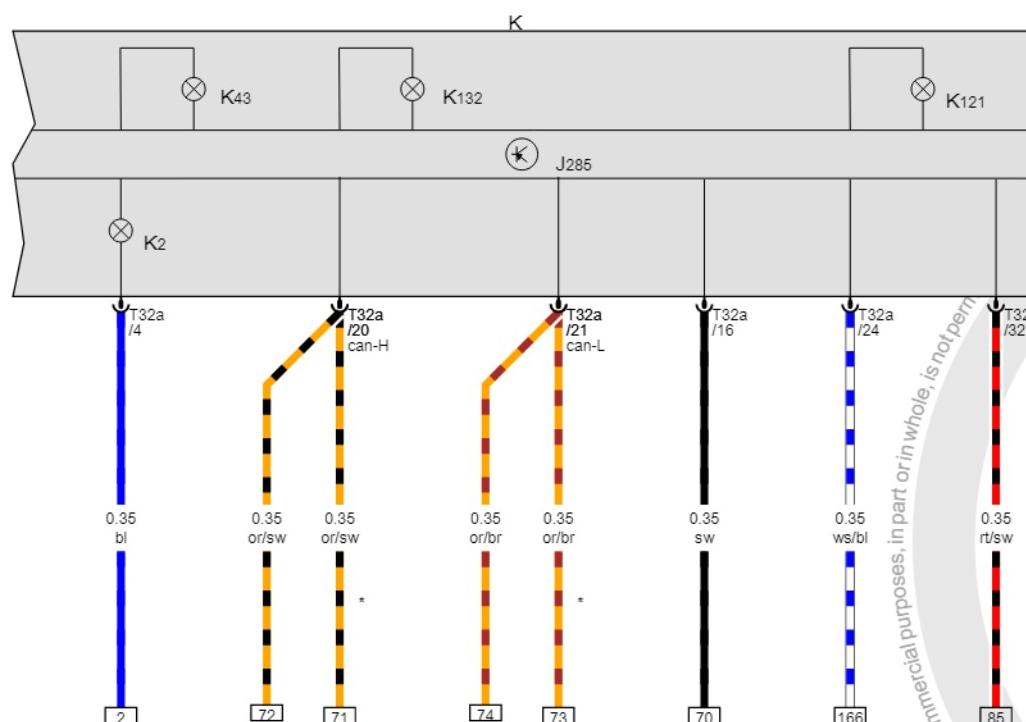




Speedometer sender, Engine control unit, Cold start valve,
Radiator fan series resistor, Activated charcoal filter
solenoid valve 1, Radiator fan

- | | |
|------|--|
| G22 | Speedometer sender |
| J623 | Engine control unit |
| N17 | Cold start valve |
| N39 | Radiator fan series resistor |
| N80 | Activated charcoal filter solenoid valve 1 |
| T2ac | 2-pin connector |
| T2ae | 2-pin connector |
| T2de | 2-pin connector |
| T2df | 2-pin connector |
| T3ae | 3-pin connector |
| T3i | 3-pin connector |
| T14a | 14-pin connector, in engine compartment |
| T56b | 56-pin connector |
| V7 | Radiator fan |
| 331 | Earth connection, in injection system wiring harness |
| 378 | Earth connection 13, in main wiring harness |
| 671 | Earth point 1, on front of left longitudinal member |
| B464 | Connection (speed signal), in main wiring harness |
- * Only models with air conditioning system

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

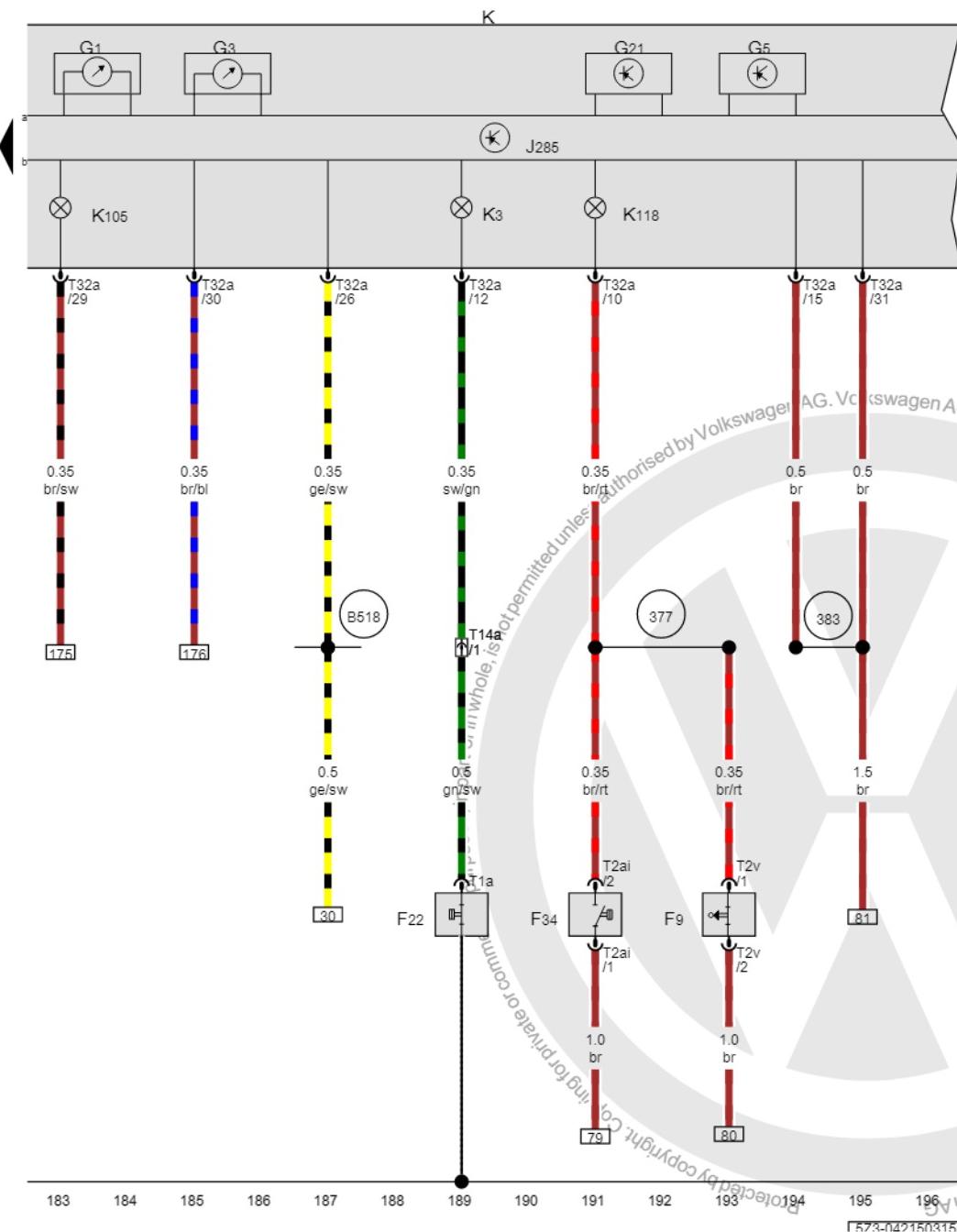


Fuel gauge sender, Fuel system pressurisation pump, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp, Coolant temperature warning lamp (too cold), Malfunction warning lamp, Electronic power control fault lamp

- G Fuel gauge sender
- G6 Fuel system pressurisation pump
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- K43 Coolant temperature warning lamp (too cold)
- K121 Malfunction warning lamp
- K132 Electronic power control fault lamp
- T4j 4-pin connector
- T32a 32-pin connector
- (21) Earth point, near fuel pump
- (50) Earth point, on left in luggage compartment
- (372) Earth connection 7, in main wiring harness
- * Only models with no airbag

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

1573-0421403151



Handbrake warning switch, Brake fluid level warning contact, Fuel gauge, Coolant temperature gauge, Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert, Oil pressure warning lamp, Reserve fuel warning lamp, Brake system warning lamp

F9	Handbrake warning switch
F22	Oil pressure switch
F34	Brake fluid level warning contact
G1	Fuel gauge
G3	Coolant temperature gauge
G5	Rev. counter
G21	Speedometer
J285	Control unit in dash panel insert
K	Dash panel insert
K3	Oil pressure warning lamp
K105	Reserve fuel warning lamp
K118	Brake system warning lamp
T1a	Single connector
T2ai	2-pin connector
T2v	2-pin connector
T14a	14-pin connector, in engine compartment
T32a	32-pin connector
377	Earth connection 12, in main wiring harness
383	Earth connection 18, in main wiring harness
B518	Connection (86s), in main wiring harness

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

1 Earth points

1.1 Engine compartment earth points

1 - Earth wire, battery-body

Fitting Location: [⇒ page 2](#)

11 - Battery housing earth connection

Fitting Location: [⇒ page 2](#)

12 - Engine compartment left earth connection

Fitting Location: [⇒ page 2](#)

13 - Engine comp. right earth connection

Fitting Location: [⇒ page 3](#)

49 - Earth connection, next to the battery

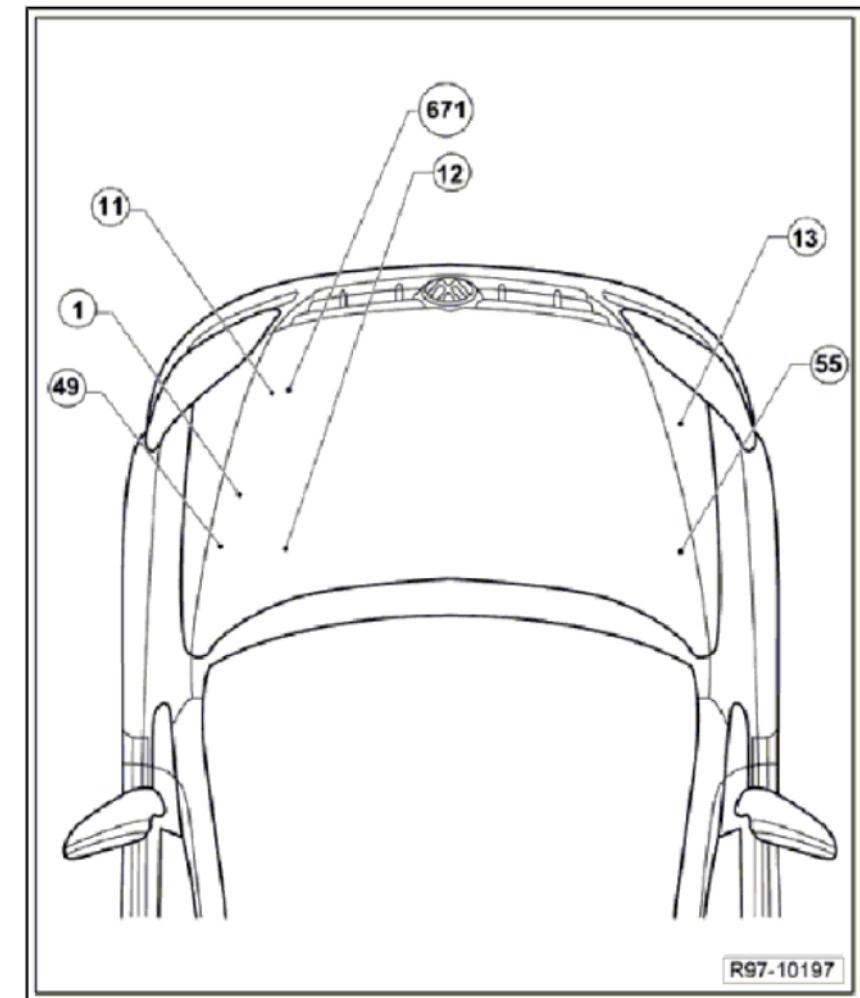
Fitting Location: [⇒ page 2](#)

55 - Earth connection next to the ABS control unit

Fitting Location: [⇒ page 3](#)

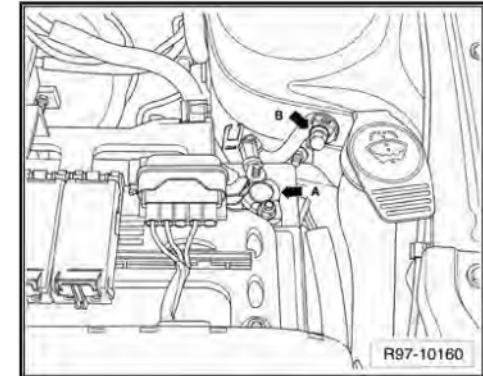
671 - Earth point 1 on the front left longitudinal member

Fitting Location: [⇒ page 2](#)



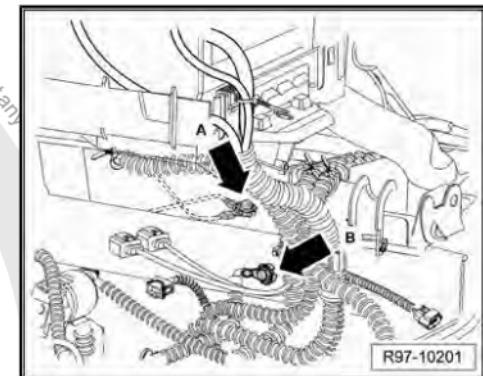
1 -
Earth wire, battery-body - Arrow A -

49 -
Earth connection, next to the battery - Arrow B -

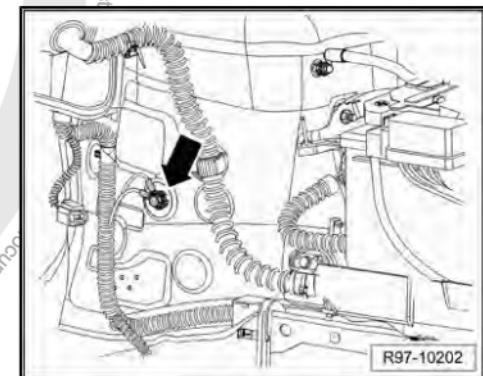


11 -
Battery housing earth connection - Arrow A -

671 -
Earth point 1 on the front left side member - Arrow B -

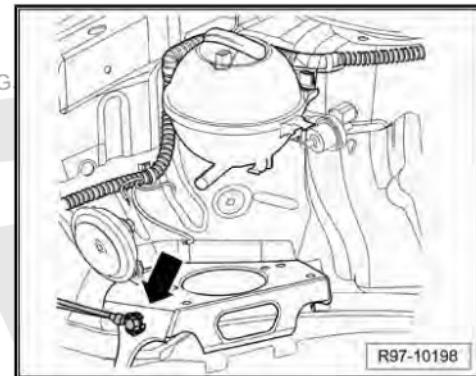


12 -
Earth connection to the left of the engine comp. - Arrow -

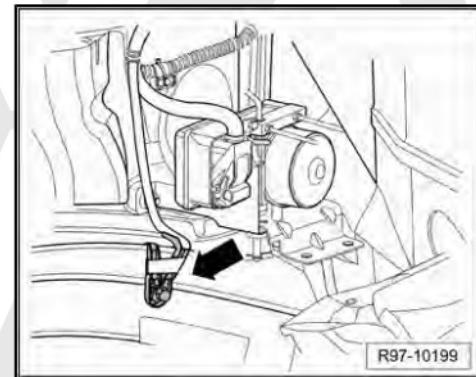


Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by Volkswagen AG.

13 -
Earth connection to the right of the engine comp. - Arrow -



55 -
Earth points next to the ABS control unit - Arrow -



1.2 Vehicle interior earth points

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by Volkswagen AG.

Subject to the correctness of info.

605 - Earth point on the upper steering column region

- Fitting Location: [⇒ page 5](#)

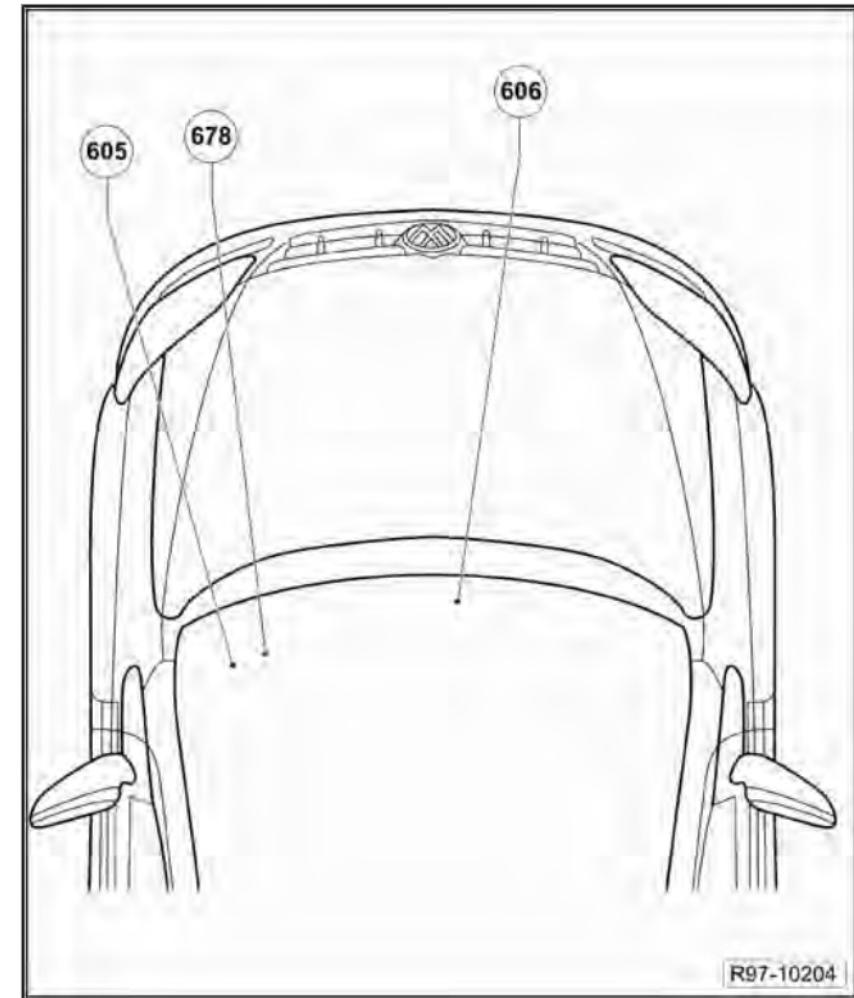
606 - Earth point under the centre console, next to the selector lever

- Fitting Location: [⇒ page 5](#)

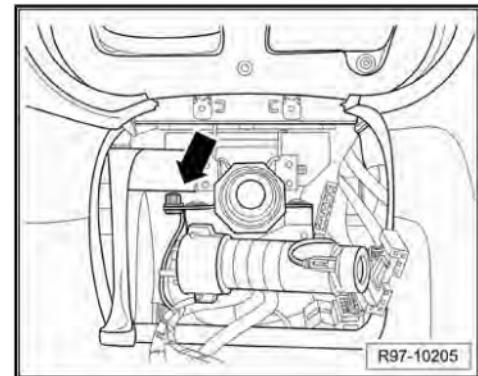
678 - Steering wheel earth point

- Fitting location: [⇒ page 5](#)

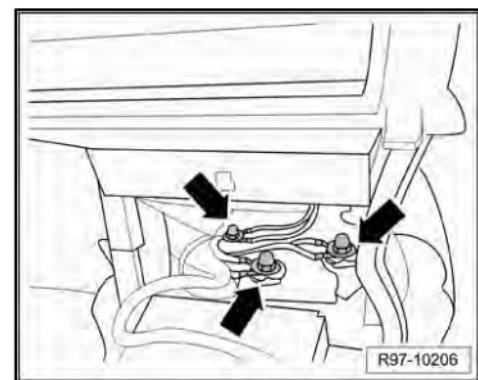
Protected by copyright. Copying for private commercial purposes, in part or in whole, is not permitted unless authorised by Volkswagen AG. Volkswagen AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by Volkswagen AG.



605 -
Earth point on the upper steering column region - Arrow -



606 -
Earth point under the central console, next to the selector lever
- Arrows -



678 -
Steering wheel earth point - Arrow -



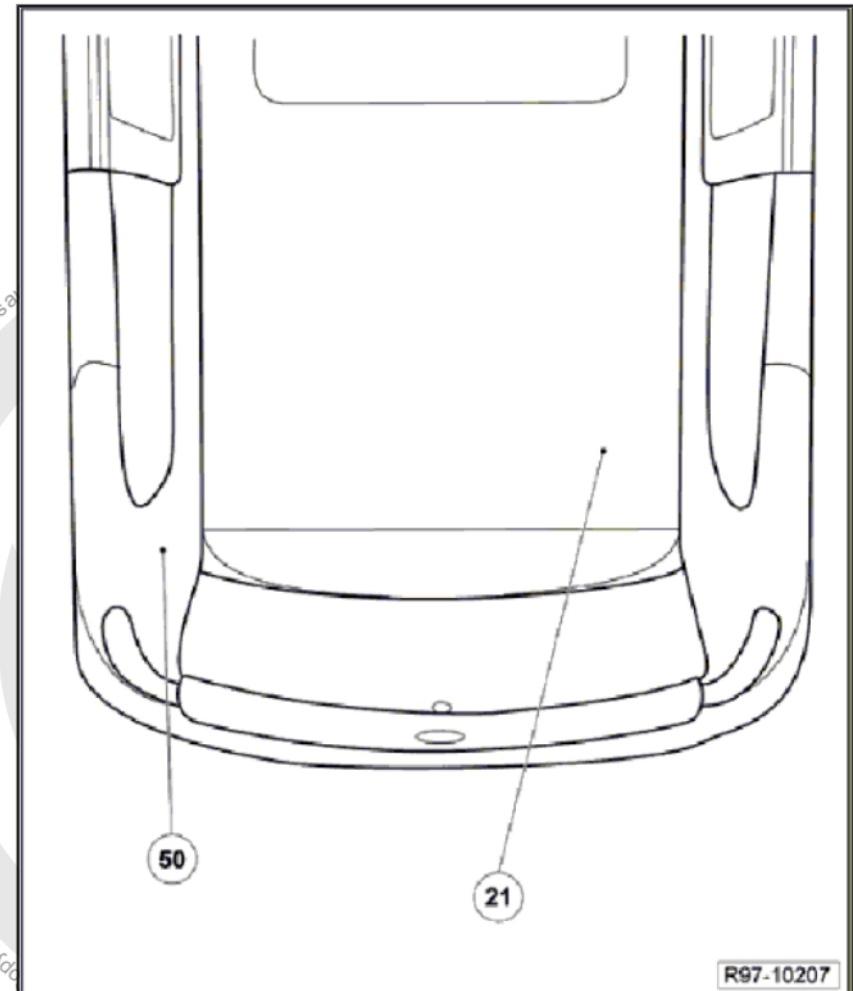
1.3 Earth points in the rear vehicle area

21 - Earth connection next to the fuel pump

Fitting Location: [⇒ page 7](#)

50 - Left boot earth connection

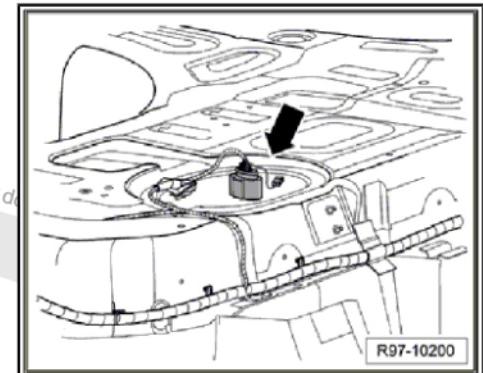
Fitting Location: [⇒ page 7](#)



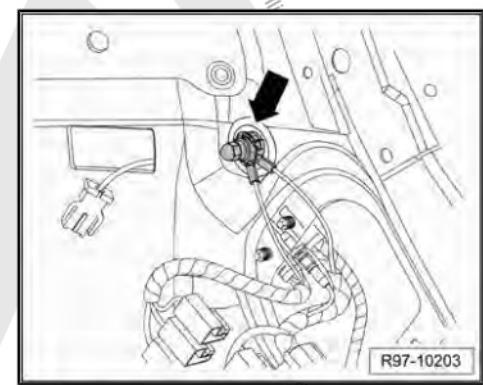
R97-10207

Protected by Copyright.
Only Volkswagen AG.
Copying for private purposes, in part or in whole, is not permitted unless a
copying licence has been obtained.

21 -
Earth connection next to the fuel pump - Arrow -



50 -
Left boot earth connection - Arrow -



Protected by copyright. Copying for private use only is permitted unless authorised by Volkswagen AG.
Any other use, in part or in whole, is not permitted unless authorised by Volkswagen AG.

1 Fuse Locations

1 - Battery fuse holder -S- ¹⁾

- Fitting Location [⇒ page 2](#)
- Battery fuse holder -S- until February 2011 [⇒ page 3](#)

2 - Battery fuse holder -S- ²⁾

- Fitting Location [⇒ page 4](#)
- Battery fuse holder -S- until February 2011 [⇒ page 5](#)

3 - Battery fuse holder -S-

- Fitting Location [⇒ page 6](#)
- Battery fuse holder -S- as of February 2011 [⇒ page 7](#)

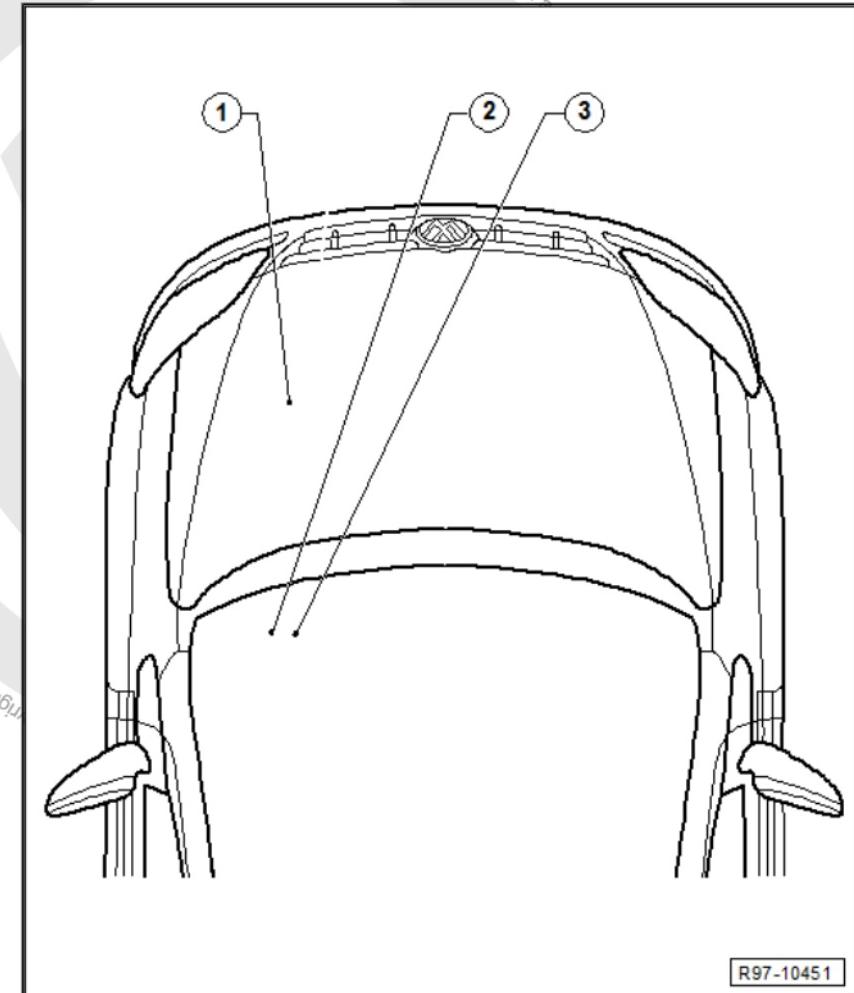
4 - Fuse holder -SB- and -SC-

- Fitting Location [⇒ page 8](#)
- Fuse holder -SC- [⇒ page 9](#)
- Fuse holder -SB- [⇒ page 11](#)

5 - Specific door window control fuse in the relay carrier

- Window regulator thermal fuse -S43- until December 2009 [⇒ page 14](#)

Right Copying or printing of commercial purposes, in part or in whole, is not permitted unless authorised by Volkswagen AG. Volkswagen AG does not guarantee or accept responsibility for any damage caused by the use of this document.



R97-10451

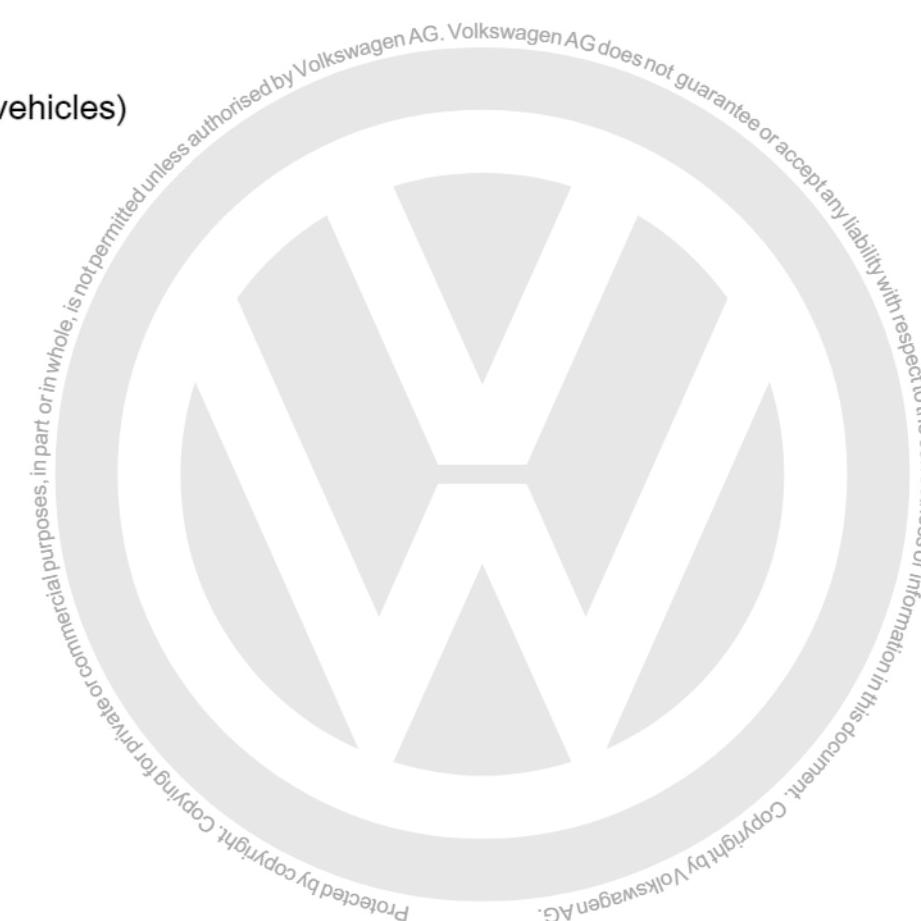


Note

- ◆ 1) Vehicles with manual gearbox
- ◆ 2) Vehicles with automated gearbox

1.1 Battery fuse carrier -S- until February 2011 (Manual gearbox vehicles)

Fuse cable colours:



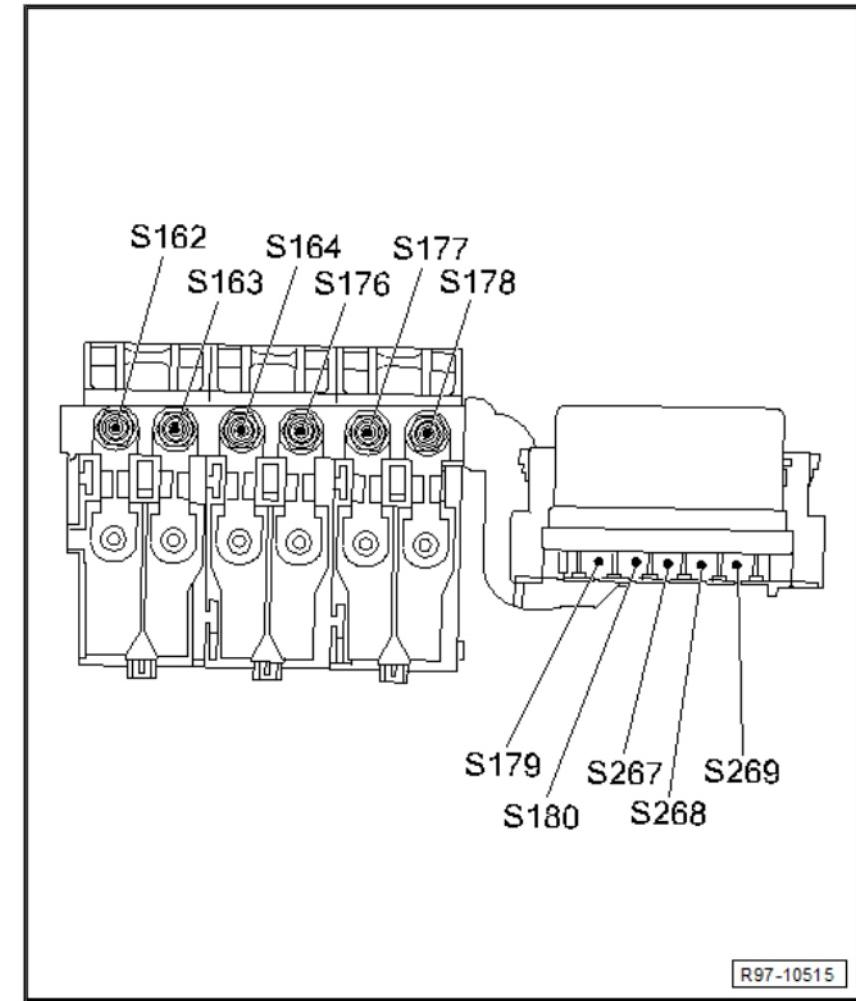
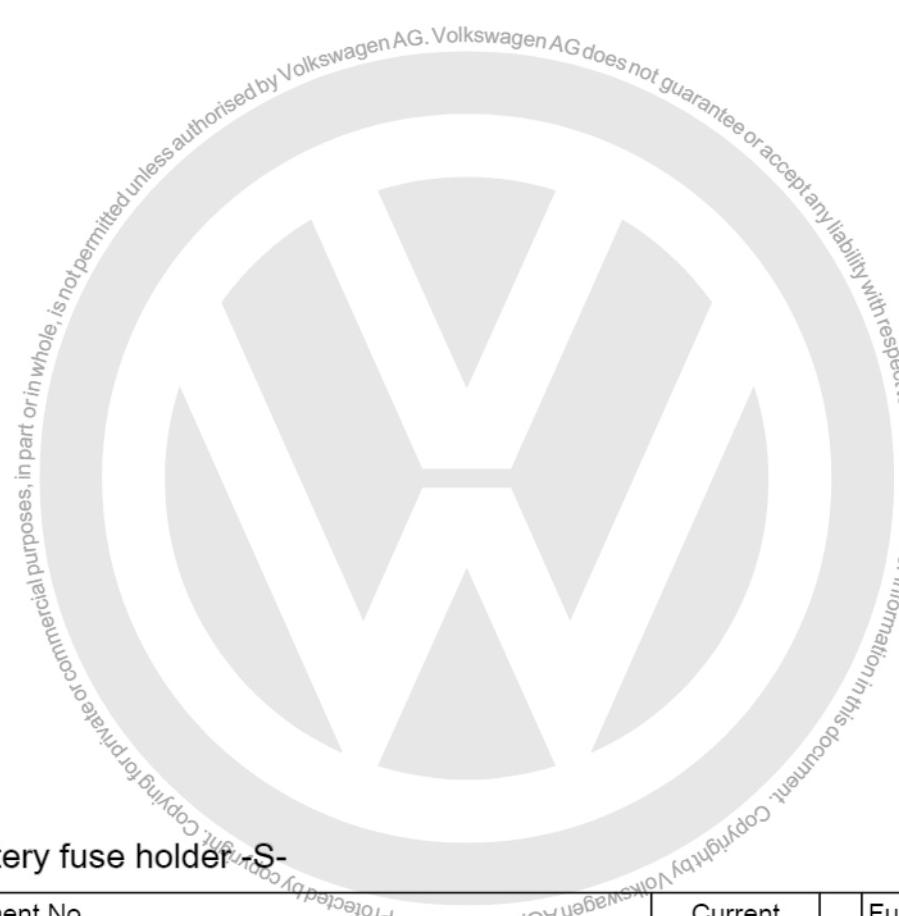
175 A - black

110 A - black

40 A - black / red and purple

30 A - red and purple

25 A - red and green



1.1.1 Battery fuse holder -S-

SL P	Assignment No.	Current	Function / Component	Terminal
1	- Fuse 1 (30), in battery fuse holder - S162-	175 A	- Alternator - C- Voltage regulator - C1-	30
2	- Fuse 2 (30), in battery fuse holder - S163-	110 A	- Terminal 30 wiring junction - TV2-	30
3	- Fuse 3 (30), in battery fuse holder - S164-	40 A	- Radiator fan 2nd speed relay - J101-	30

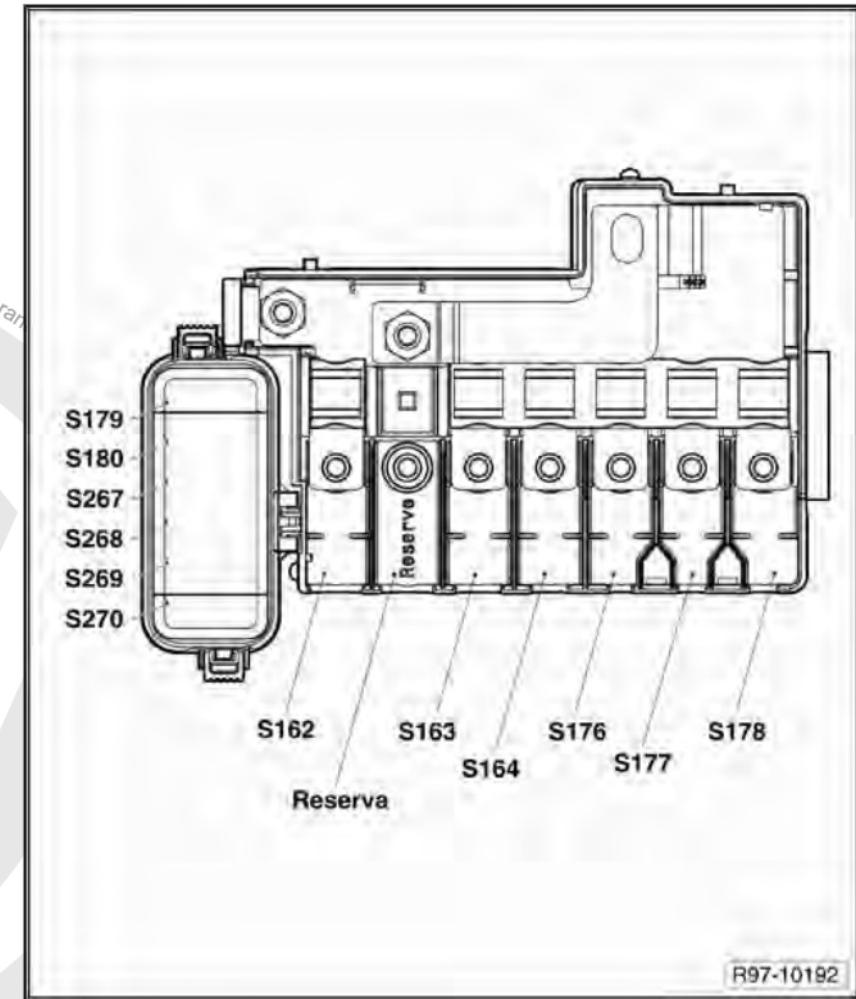
4	-	Fuse 4 (30), in battery fuse holder - S176-	40 A	-	ABS control unit - J104-	30
5	-	Fuse 5 (30), in battery fuse holder - S177-	-	-	Empty	-
6	-	Fuse 6 (30), in battery fuse holder - S178-	-	-	Empty	-
7	-	Fuse 7 (30), in battery fuse holder - S179-	25 A	-	ABS control unit - J104-	30a
8	-	Fuse 8 (30), in battery fuse holder - S180-	30 A	-	Voltage supply relay 1 - J701-	30a
9	-	Fuse 9 (30), in battery fuse holder - S267-	-	-	Empty	-
10	-	Fuse 10 (30), in battery fuse holder - S268-	15 A	-	Engine control unit - J623-	30a
11	-	Fuse 11 (30), in battery fuse holder - S269-	-	-	Empty	-

1.2 Battery fuse carrier -S- until February 2011 (Automated gearbox vehicles)

Fuse cable colours:

150 A - black
 110 A - black
 40 A - black / red and purple
 30 A - red and purple
 25 A - red and green
 5 A - red / red and black

Protected by copyright. Copying for private commercial purposes, in part or in whole, is not permitted unless authorised by Volkswagen AG. Volkswagen AG does not guarantee the accuracy of the information contained in this document.



1.2.1 Battery fuse holder -S-

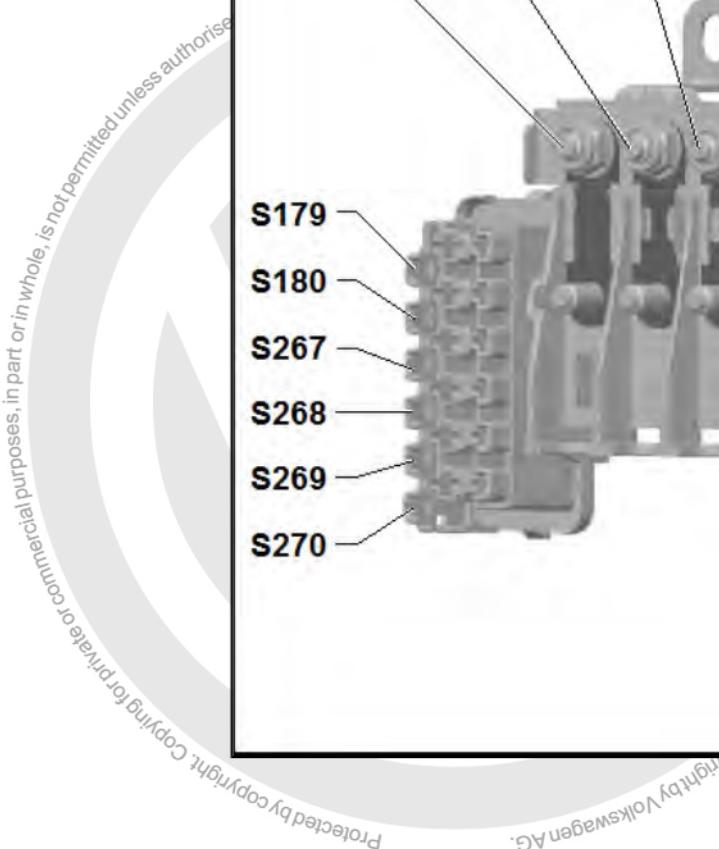
SL P	Assignment No.	Current	Function / Component	Terminal
1	- Fuse 1 (30), in battery fuse holder - S162-	150 A	- Alternator - C- Voltage regulator - C1-	30
-	- Reserve	-	- Reserve	-
2	- Fuse 2 (30), in battery fuse holder - S163-	110 A	- Terminal 30 wiring junction - TV2-	30

3	-	Fuse 3 (30), in battery fuse holder - S164-	-	-	Empty	-
4	-	Fuse 4 (30), in battery fuse holder - S176-	40 A	-	ABS control unit - J104-	30
5	-	Fuse 5 (30), in battery fuse holder - S177-	40 A	-	Radiator fan 2nd speed relay - J101-	30
6	-	Fuse 6 (30), in battery fuse holder - S178-	-	-	Empty	-
7	-	Fuse 7 (30), in battery fuse holder - S179-	25 A	-	ABS control unit - J104-	30a
8	-	Fuse 8 (30), in battery fuse holder - S180-	30 A	-	Voltage supply relay 1 - J701-	30a
9	-	Fuse 9 (30), in battery fuse holder - S267-	5 A	-	Engine control unit - J623-	30a
10	-	Fuse 10 (30), in battery fuse holder - S268-	-	-	Empty	-
11	-	Fuse 11 (30), in battery fuse holder - S269-	5 A	-	Automatic gearbox control unit - J217-	30a
12	-	Fuse 12 (30), in battery fuse holder - S270-	5 A	-	Hydraulic pump for gearbox - V387-	30a

1.3 Battery fuse holder -S-, as of February 2011

Fuse cable colours:

175 A - black
 110 A - black
 40 A - black / red and purple
 30 A - red and purple
 25 A - red and green
 5 A - red / red and black



R97-10490

1.3.1 Battery fuse holder -S-

SL P	Assignment No.	Current	Function / Component	Terminal
1	- Fuse 1 (30), in battery fuse holder -S162-	175 A	- Alternator -C- Voltage regulator -C1-	30
2	- Fuse 2 (30), in battery fuse holder -S163-	110A	- Terminal 30 wiring junction -TV2-	30
3	- Fuse 3 (30), in battery fuse holder -S164-	40 A	- Radiator fan 2nd speed relay -J101-	30

Fitting Locations

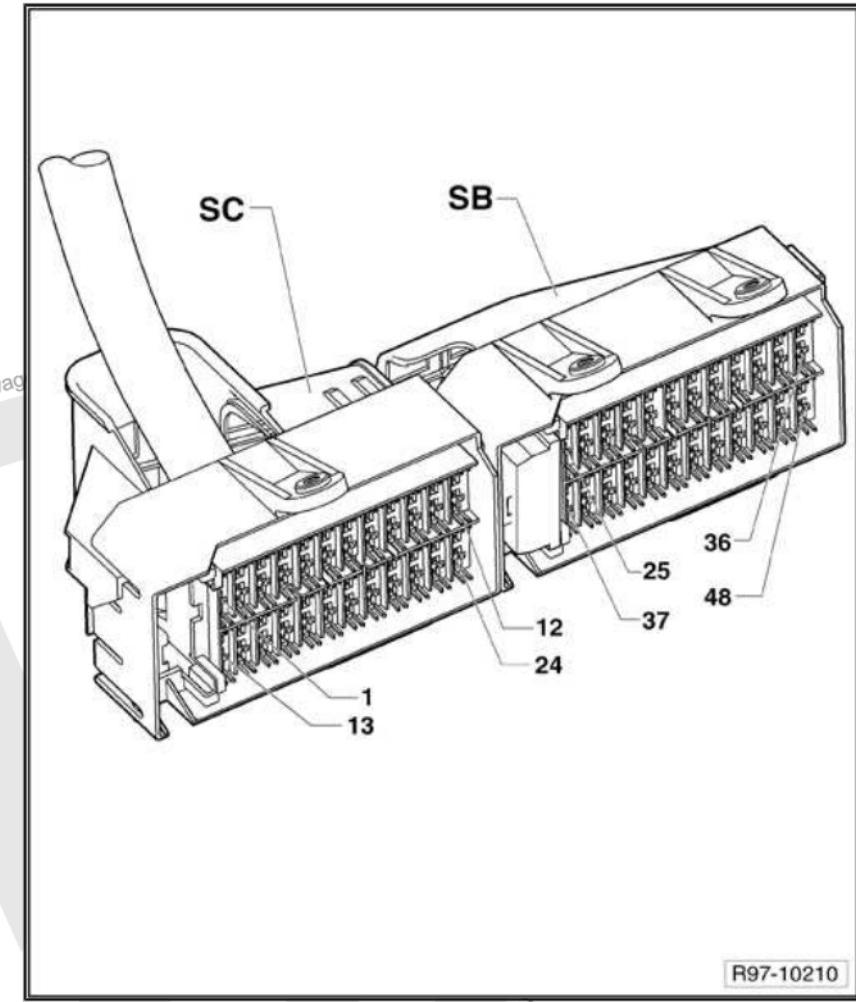
4	-	Fuse 4 (30), in battery fuse holder -S176-	-	-	Empty	-
5	-	Fuse 5 (30), in battery fuse holder -S177-	40 A	-	ABS control unit -J104-	30a
6	-	Fuse 6 (30), in battery fuse holder -S178-	-	-	Empty	-
7	-	Fuse 7 (30), in battery fuse holder -S179-	30 A	-	Hydraulic pump for gearbox -V387-	30a
8	-	Fuse 8 (30), in battery fuse holder -S180-	10 A	-	Automatic gearbox control unit -J217-	30a
9	-	Fuse 9 (30), in battery fuse holder -S267-	-	-	Empty	-
10	-	Fuse 10 (30), in battery fuse holder -S268-	15 A	-	Engine control unit -J623-	30a
11	-	Fuse 11 (30), in battery fuse holder -S269-	30 A	-	Fresh air blower and radiator fan relay -J209-	30a
12	-	Fuse 12 (30), in battery fuse holder -S270-	25 A	-	ABS control unit -J104-	30a

1.4 Fuse holder -SB- and -SC-

Fuse colours:

30 A - green
 25 A - white
 20 A - yellow
 15 A - blue
 10 A - red
 5 A - beige

In this document, copying or private use of commercial purposes, in part or in whole, is not permitted unless authorised by Volkswagen AG.



1.4.1 Fuse holder -SC-

SL P	Assignment No.	Current	Function / Component	Terminal
1	- Fuse 1 on fuse holder C -SC1-	10 A	- Left main beam headlight and fog light bulb - M94-	56
2	- Fuse 2 on fuse holder C -SC2-	5 A	- Control unit in dash panel insert - J285- Convenience system central control unit - J393- Radio - R-	86s

3	-	Fuse 3 on fuse holder C -SC3-	10 A	-	Right main beam headlight and fog light bulb - M95-	56
4	-	Fuse 4 on fuse holder C -SC4-	5 A	-	Rear lid release switch - E165- Spare wheel release button - E405-	30a
5	-	Fuse 5 on fuse holder C -SC5-	20 A	-	Radio - R-	30a
6	-	Fuse 6 on fuse holder C -SC6-	20 A	-	Heated rear window control relay - J48-	XR
7	-	Fuse 7 on fuse holder C -SC7-	5 A	-	Front and rear fog light switch - E23- Front and rear fog light switch illumination bulb - L40- Fog light relay - J5-	30a
8	-	Fuse 8 on fuse holder C -SC8-	20 A	-	Sliding sunroof adjustment control unit - J245-	30a
9	-	Fuse 9 on fuse holder C -SC9-	10 A	-	Automatic gearbox control unit - J217-	15a
10	-	Fuse 10 on fuse holder C -SC10-	-	-	Empty	-
11	-	Fuse 11 on fuse holder C -SC11-	10 A	-	Turn signal switch - E2- Hazard warning light switch - E3- Indicator lamp for hazard warning light - K6- Right turn signal warning lamp - K94- Front right turn signal bulb - M7- Rear right turn signal bulb - M8- Front passenger side turn signal repeater bulb - L132-	R
12	-	Fuse 12 on fuse holder C -SC12-	10 A	-	Turn signal switch - E2- Hazard warning light switch - E3- Indicator lamp for hazard warning light - K6- Left turn signal warning lamp - K65- Front left turn signal bulb - M5- Rear left turn signal bulb - M6- Driver side turn signal repeater bulb - L131-	L
13	-	Fuse 13 on fuse holder C -SC13-	5 A	-	Selector lever sensors control unit - J587-	30a
14	-	Fuse 14 on fuse holder C -SC14-	5 A	-	Mirror adjustment changeover switch - E48- Rear lid release switch - E165- Spare wheel release button - E405- Folding exterior mirror control unit - J351- Convenience system central control unit - J393- Front passenger side mirror adjustment motor 2 - V25-	15a
15	-	Fuse 15 on fuse holder C -SC15-	25 A	-	Air conditioning system switch-off relay - J365-	30a
16	-	Fuse 16 on fuse holder C -SC16-	25 A	-	Convenience system central control unit - J393-	30a
17	-	Fuse 17 on fuse holder C -SC17-	5 A	-	Front and rear fog light switch - E23-	XRA

				Front and rear fog light switch illumination bulb - L40-	
18	-	Fuse 18 on fuse holder C -SC18-	10 A	- Rear window wiper motor - V12-	XR
19	-	Fuse 19 on fuse holder C -SC19-	5 A	- Selector lever sensors control unit - J587-	15a
20	-	Fuse 20 on fuse holder C -SC20-	15 A	- 12 V socket 2 - U18- Socket illumination bulb - L42-	30a
21	-	Fuse 21 on fuse holder C -SC21-	5 A	- Airbag coil connector and return ring with slip ring - F138-	15a
22	-	Fuse 22 on fuse holder C -SC22-	30 A	- Convenience system central control unit - J393- ¹⁾	30a
23	-	Fuse 23 on fuse holder C -SC23-	5 A	- ABS control unit - J104-	30a
24	-	Fuse 24 on fuse holder C -SC24-	10 A	- ABS control unit - J104-	15a



Note

¹⁾ As of December 2009

1.4.2 Fuse holder -SB-

SL P	Assignment No.	Current	Function / Component	Terminal
25	- Fuse 25 on fuse holder B - SB25-	10 A	- Hazard warning light switch - E3- Indicator lamp for hazard warning light - K6-	15a
26	- Fuse 26 on fuse holder B - SB26-	10 A	- Voltage supply relay 1 -J701-	30a
27	- Fuse 27 on fuse holder B - SB27-	15 A	- Interior light rear switch - E6- Indicator lamp for hazard warning light - K6- Fitting connector, 16-pole, in diagnosis - T16a-	30a
28	- Fuse 28 on fuse holder B - SB28-	5 A	- Control unit in dash panel insert - J285- Air conditioning system control unit - J301-	30a
29	- Fuse 29 on fuse holder B - SB29-	15 A	- Intermittent wiper switch - E22- Automatic intermittent wash and wipe relay - J31- Windscreen wiper motor - V- Automatic intermittent wash and wipe control unit - J932-	53a
30	- Fuse 30 on fuse holder B - SB30-	5 A	- Engine control unit - J623-	15a
31	- Fuse 31 on fuse holder B - SB31-	5 A	- Left side light bulb - M1- Right tail light bulb - M2- Right side light bulb - M3-	58r

32	-	Fuse 32 on fuse holder B - SB32-	5 A	- Number plate light - X- Hazard warning light switch - E3- Indicator lamp for hazard warning light - K6- Control unit for lighting and wiper functions - J917- Dash panel insert - K-	58
33	-	Fuse 33 on fuse holder B - SB33-	15 A	- Fuel gauge sender - G- Fuel system pressurisation pump - G6-	87a
34	-	Fuse 34 on fuse holder B - SB34-	10 A	- Cold start valve - N17- Activated charcoal filter solenoid valve 1 - N80- Cold start device relay - J41-	87a
35	-	Fuse 35 on fuse holder B - SB35-	10 A ¹⁾ 15 A ²⁾	- Left headlight main beam bulb -M30- Left headlight twin filament bulb -L1- Main beam warning lamp -K1- Right headlight twin filament bulb -L2- (as of May 2011) Right headlight main beam bulb -M32- (as of May 2011)	56al 56ar
36	-	Fuse 36 on fuse holder B - SB36-	10 A	- Left headlight dipped beam bulb - M29- Left headlight twin filament bulb -L1-	56bl
37	-	Fuse 37 on fuse holder B - SB37-	10 A	- Reversing light switch - F4-	15a
38	-	Fuse 38 on fuse holder B - SB38-	5 A	- Fuel pump relay - J17- Cold start device relay - J41- Control unit in dash panel insert - J285- Air conditioning system switch-off relay - J365- Parking aid control unit - J446- Clutch pedal switch - F36- Brake pedal switch - F47- Speedometer sender - G22- High-pressure sender - G65- Left ultrasonic sensor for anti-theft alarm system - G170- Glove compartment light - W6- Heated rear window button - E230-	15a
39	-	Fuse 39 on fuse holder B - SB39-	10 A	- Front interior light - W1- Luggage compartment light - W3- Rear left reading light - W11- Rear right reading light - W12- Front passenger side illuminated vanity mirror - W14-	30a

				Driver side illuminated vanity mirror - W20- Folding exterior mirror control unit - J351- Fresh air and air recirculation flap control motor - V154-	
40	-	Fuse 40 on fuse holder B - SB40-	10 A	- Brake light switch - F-	15a
41	-	Fuse 41 on fuse holder B - SB41-	10 A	- Horn or dual tone horn - H1- Dual tone horn relay - J4-	15a
42	-	Fuse 42 on fuse holder B - SB42-	25 A	- Fresh air blower switch - E9- Air conditioning system control unit - J301- Fresh air and air recirculation flap control motor - V154-	XR
43	-	Fuse 43 on fuse holder B - SB43-	5 A	- Left side light bulb - M1- Right side light bulb - M3- Left tail light bulb - M4-	58l
44	-	Fuse 44 on fuse holder B - SB44-	10 A	Injector, cylinder 1 - N30- Injector, cylinder 2 - N31- Injector, cylinder 3 - N32- Injector, cylinder 4 - N33-	87a
45	-	Fuse 45 on fuse holder B - SB45-	10 A	- Lambda Probe - G39- Lambda probe after catalytic converter - G130-	87a
46	-	Fuse 46 on fuse holder B - SB46-	10 A	- Right headlight twin filament bulb -L2- (until May, 2011) Right headlight main beam bulb -M32- (until May, 2011) Empty (as of May, 2011)	56ar
47	-	Fuse 47 on fuse holder B - SB47-	10 A	- Right headlight twin filament bulb - L2- Right headlight main beam bulb - M31-	56br
48	-	Fuse 48 on fuse holder B - SB48-	20 A	- 12 V socket - U5- Socket illumination bulb - L42- X-contact relief relay - U59-	XRA



Note

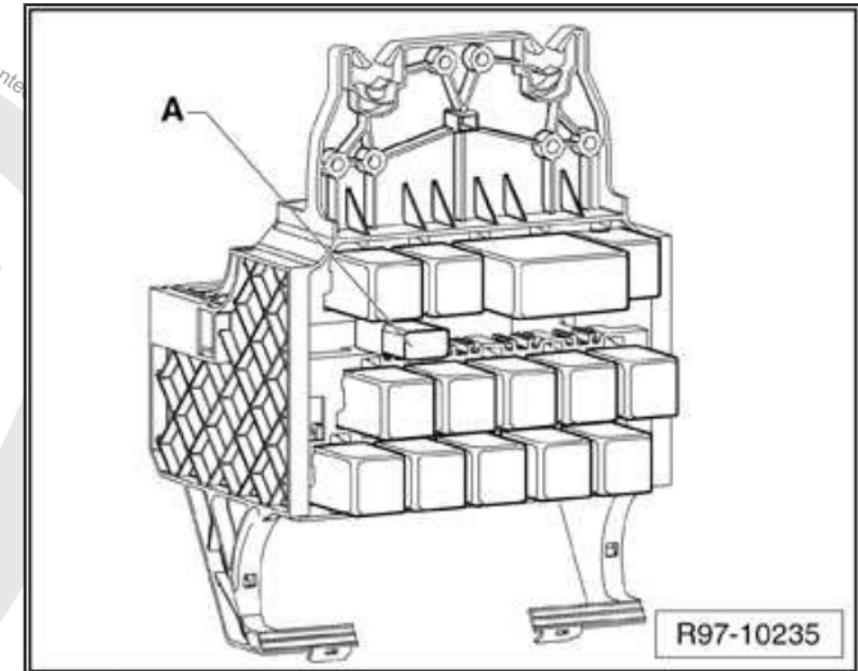
- ◆ 1) until May 2011
- ◆ 2) as of May 2011

1.5 Specific door window control fuse in the relay carrier - until December 2009

A - Window regulator thermal fuse -S43- 25 A -

 Colour: Yellow

Protected by copyright. Copying for private use only is permitted unless authorised by Volkswagen AG. This document, Copyright by Volkswagen AG.



1 Relays

1 - Relay to the left, behind the dashboard:

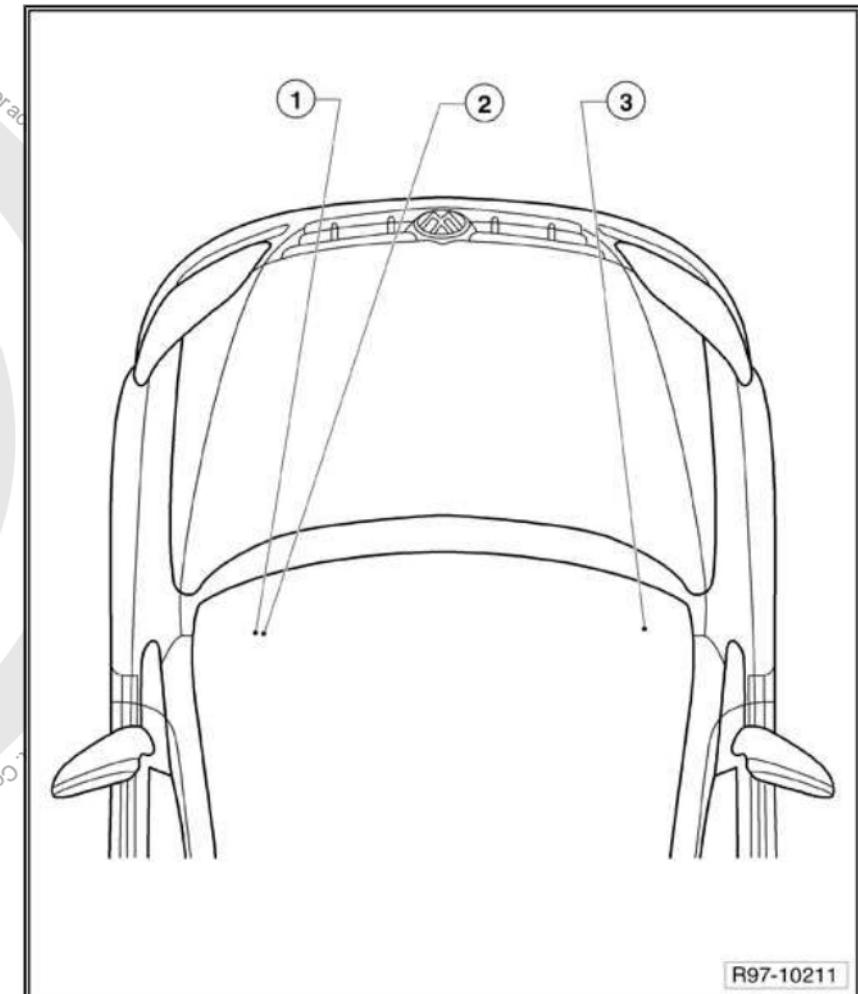
- Relay descriptions, until October 2011: [⇒ page 2](#)
- Relay descriptions, as of October 2011: ¹⁾ [⇒ page 5](#)
- Relay descriptions, as of October 2011: [⇒ page 7](#)

2 - Relay above the relay-carrier

- Relay description: [⇒ page 9](#)

3 - Relay to the right of the dashboard, behind the glove compartment:

- Relay descriptions, until October 2011: [⇒ page 10](#)



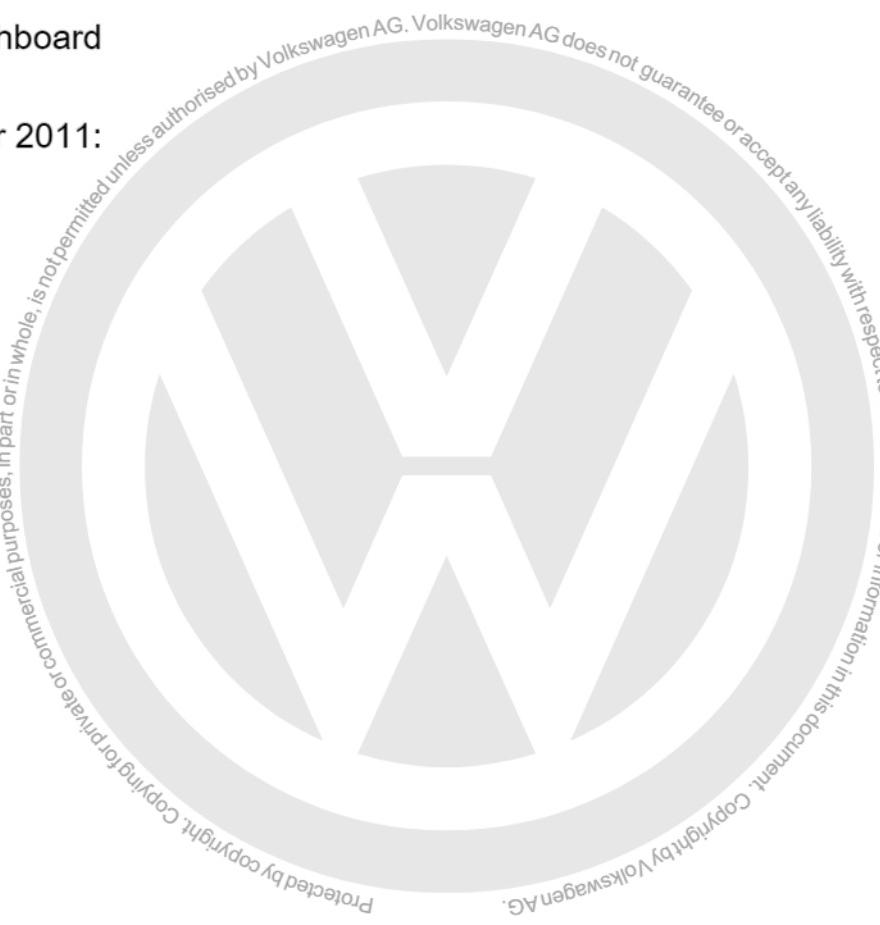


Note

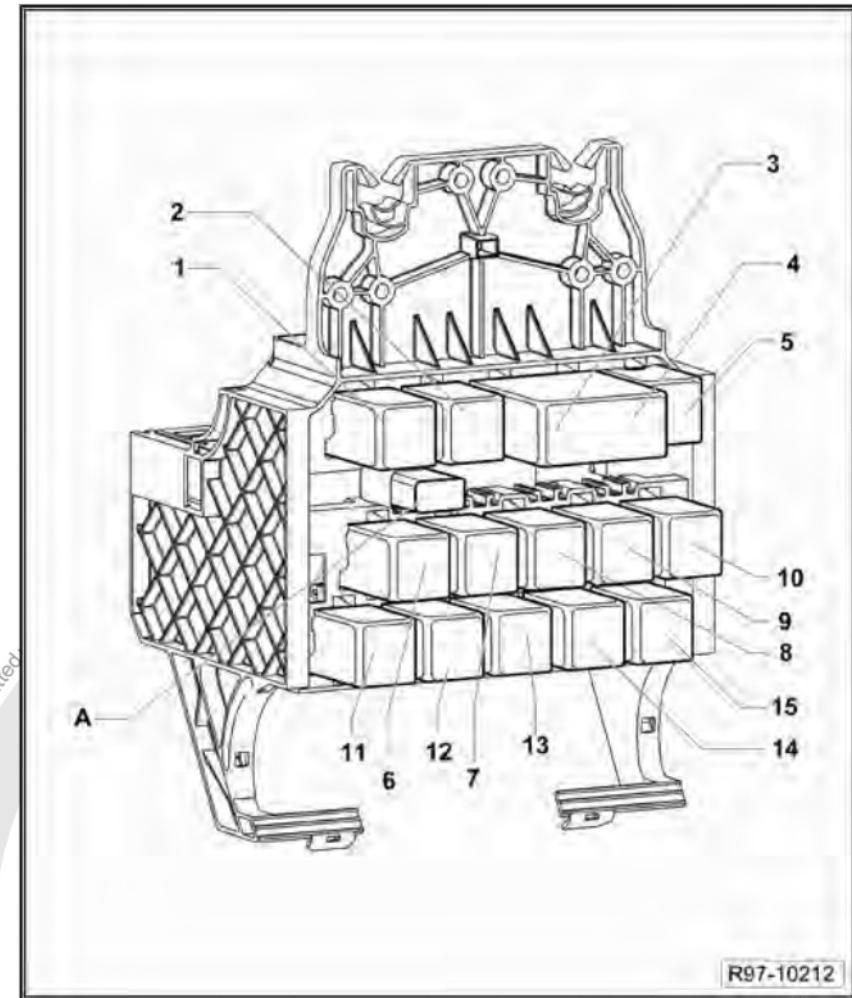
- ◆ 1)*Only for vehicles without rain sensor and sunlight penetration photosensor*
- ◆ 2)*Only for vehicles with rain sensor and sunlight penetration photosensor*

1.1 Relay to the left, behind the dashboard

1.1.1 Relay descriptions, until October 2011:



- 1 - Air conditioning system switch-off relay -J365-
 - Colour: Black
- 2 - Cold start device relay -J41-
 - Colour: Black
- 3 - Folding exterior mirror control unit -J351-
 - Colour: Dark-grey
- 4 - Folding exterior mirror control unit -J351-
 - Colour: Dark-grey
- 5 - Voltage supply relay 1 -J701- ¹⁾
 - Colour: Grey
- Fog light relay -J5- ²⁾
 - Colour: Blue
- 6 - Heated rear window control relay -J48-
 - Colour: Blue
- 7 - Automatic intermittent wash and wipe relay -J31-
 - Colour: Red
- 8 - X-contact relief relay -J59-
 - Colour: Grey
- 9 - Fresh air blower and radiator fan relay -J209-
 - Colour: Black
- 10 - Radiator fan 2nd speed relay -J101-
 - Colour: Black
- 11 - Fuel pump relay -J17-
 - Colour: Black
- 12 - Dual tone horn relay -J4-
 - Colour: Black
- 13 - X contact relief relay 2 -J339-
 - Colour: Blue
- 14 - Headlight main beam relay -J12-
 - Colour: Black
- Automatic intermittent wash and wipe control unit -J932- ³⁾
 - Colour: Dark-grey



Protected by Copyright. Copying for private or commercial purposes, in part or in whole, is not permitted.

Information in this document
Copyright by Volkswagen AG.

15 - Dipped beam relay -J331-

Colour: Black

- Automatic intermittent wash and wipe control unit -J932- ³⁾

Colour: Dark-grey

A - Window regulator thermal fuse -S43- ⁴⁾

Colour: Yellow



Note

- ◆ ¹⁾For vehicles with 1.0l Total Flex engine only
- ◆ ²⁾For CROSS vehicles only
- ◆ ³⁾For vehicles with rain sensor and sunlight penetration photosensor only
- ◆ ⁴⁾Until December 2009

1.1.2 Relay descriptions, as of October 2011:

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted without authorisation by Volkswagen AG. Copyright by Volkswagen AG. This document contains confidential information.

1a - Air conditioning system switch-off relay -J365-

Colour: Grey

1b - X contact relief relay 2 -J339 -

Colour: Black

2 - Starter motor relay -J53 -

Colour: Black

3 - Folding exterior mirror control unit -J351-

Colour: Black

4 - Folding exterior mirror control unit -J351-

Colour: Black

5 - Voltage supply relay 1 -J701- ¹⁾

Colour: Grey

- Fog light relay -J5 - ²⁾

Colour: Blue

6 - Heated rear window control relay -J48-

Colour: Blue

7 - Gearbox hydraulic pump relay -J510 -

Colour: Black

8 - X-contact relief relay -J59 -

Colour: Grey

9 - Fresh air blower and radiator fan relay -J209 -

Colour: Black

10 - Radiator fan 2nd speed relay -J101 -

Colour: Black

11 - Fuel pump relay -J17 -

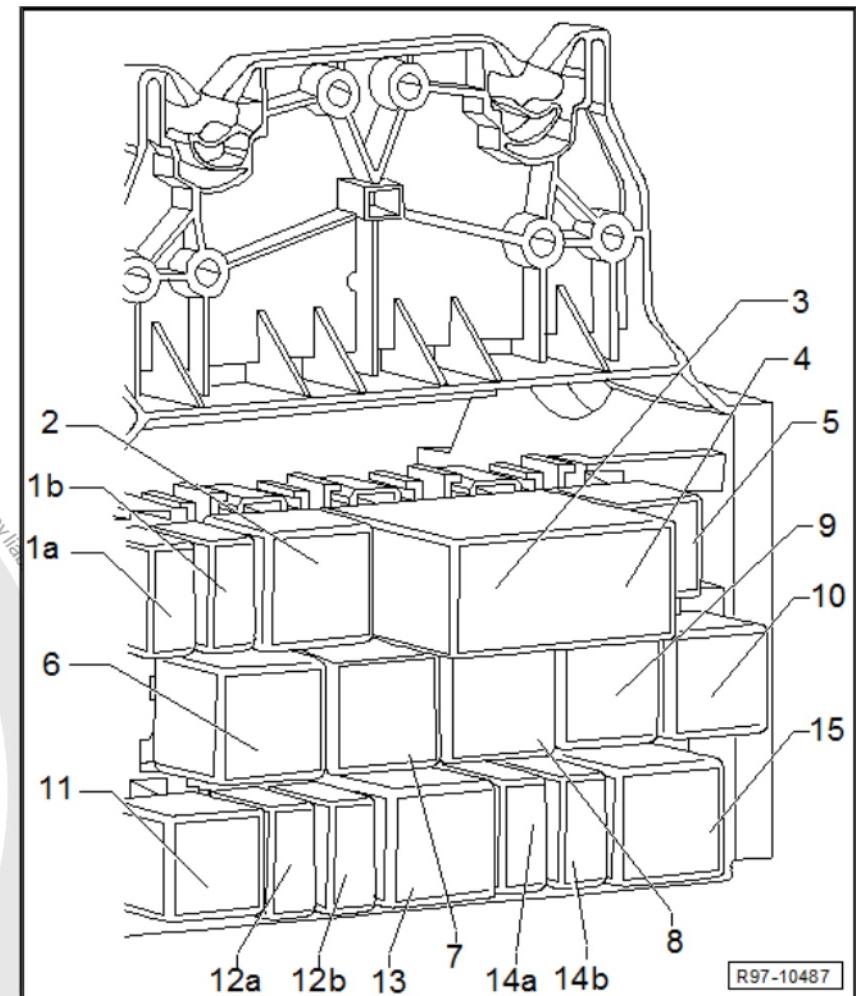
Colour: Black

12a - Dual tone horn relay -J4 -

Colour: Grey

12b - Cold start device relay -J41-

Colour: Black



R97-10487

Protected by copyright. Copying or private use of this document is only permitted unless authorised by Volkswagen AG.
Protected by copyright. Copying or private use of this document is only permitted unless authorised by Volkswagen AG.

13 - Starter motor relay 2 -J695 -

Colour: Black

14a - Dipped beam relay -J331-

Colour: Grey

14b - Headlight main beam relay -J12-

Colour: Grey

15 - Automatic intermittent wash and wipe relay -J31-

Colour: Red



Note

- ◆ 1)*For vehicles with 1.0l Total Flex engine only*
- ◆ 2)*For CROSS vehicles only*

1.1.3 Relay descriptions, as of October 2011:



1a - Air conditioning system switch-off relay -J365-

Colour: Grey

1b - X contact relief relay 2 -J339 -

Colour: Black

2 - Starter motor relay -J53 -

Colour: Black

3 - Folding exterior mirror control unit -J351-

Colour: Black

4 - Folding exterior mirror control unit -J351-

Colour: Black

5 - Voltage supply relay 1 -J701- ¹⁾

Colour: Grey

- Fog light relay -J5- ²⁾

Colour: Blue

6 - Heated rear window control relay -J48-

Colour: Blue

7 - Gearbox hydraulic pump relay -J510 -

Colour: Black

8 - X-contact relief relay -J59 -

Colour: Grey

9 - Fresh air blower and radiator fan relay -J209 -

Colour: Black

10 - Radiator fan 2nd speed relay -J101-

Colour: Black

11 - Fuel pump relay -J17 -

Colour: Black

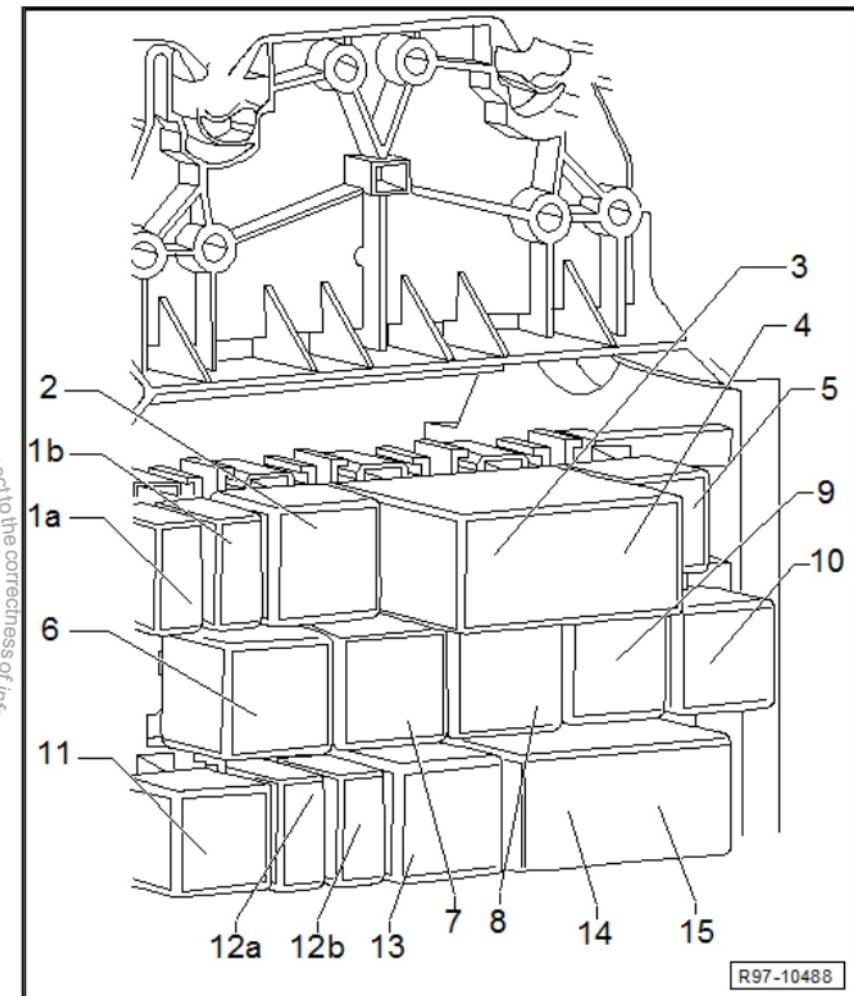
12a - Dual tone horn relay -J4 -

Colour: Grey

12b - Cold start device relay -J41-

Colour: Black

Protected by copyright for Volkswagen AG.
This document is not permitted to be copied or reproduced, in part or in whole,
without the express written permission of Volkswagen AG.



13 - Starter motor relay 2 -J695 -

Colour: Black

14 - Automatic intermittent wash and wipe control unit -J932-

Colour: Dark-grey

15 - Automatic intermittent wash and wipe control unit -J932-

Colour: Dark-grey



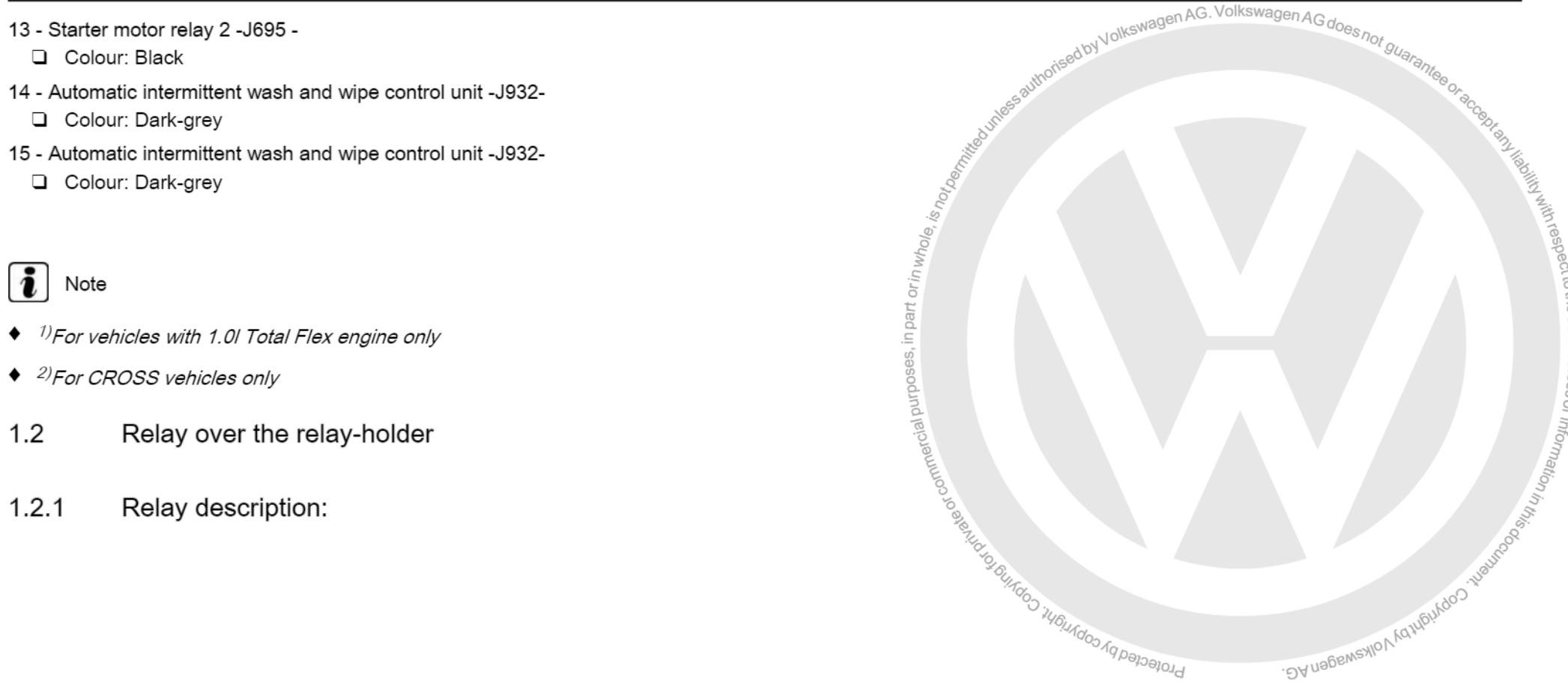
Note

◆ 1)*For vehicles with 1.0l Total Flex engine only*

◆ 2)*For CROSS vehicles only*

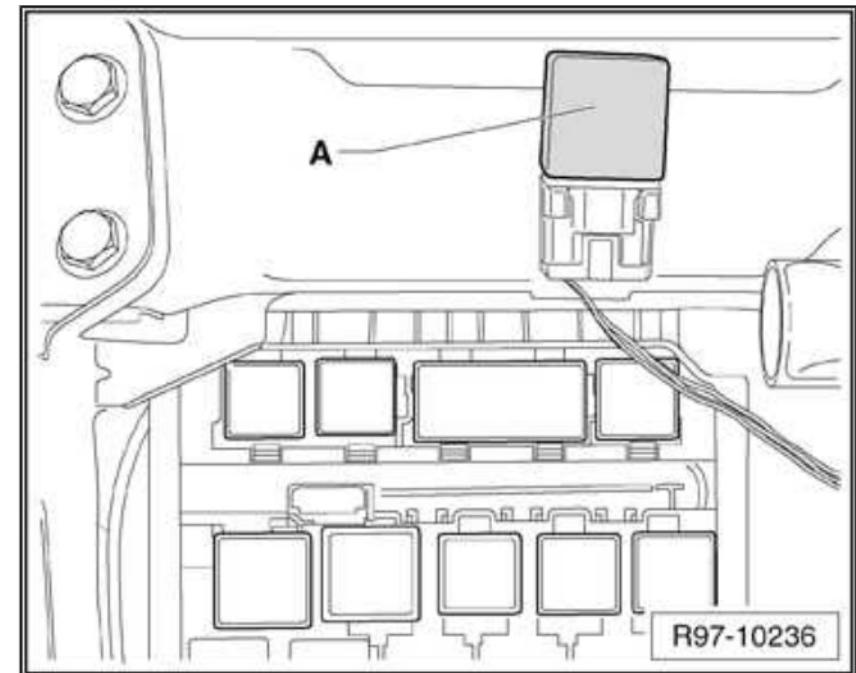
1.2 Relay over the relay-holder

1.2.1 Relay description:



A - Hazard warning light relay -J2-

Colour: Yellow



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by Volkswagen AG. Volkswagen AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by Volkswagen AG.

1.3 Relay to the right of the dashboard, behind the glove compartment

1.3.1 Relay descriptions, until October 2011:

16 - Starter motor relay -J53-

Colour: Black

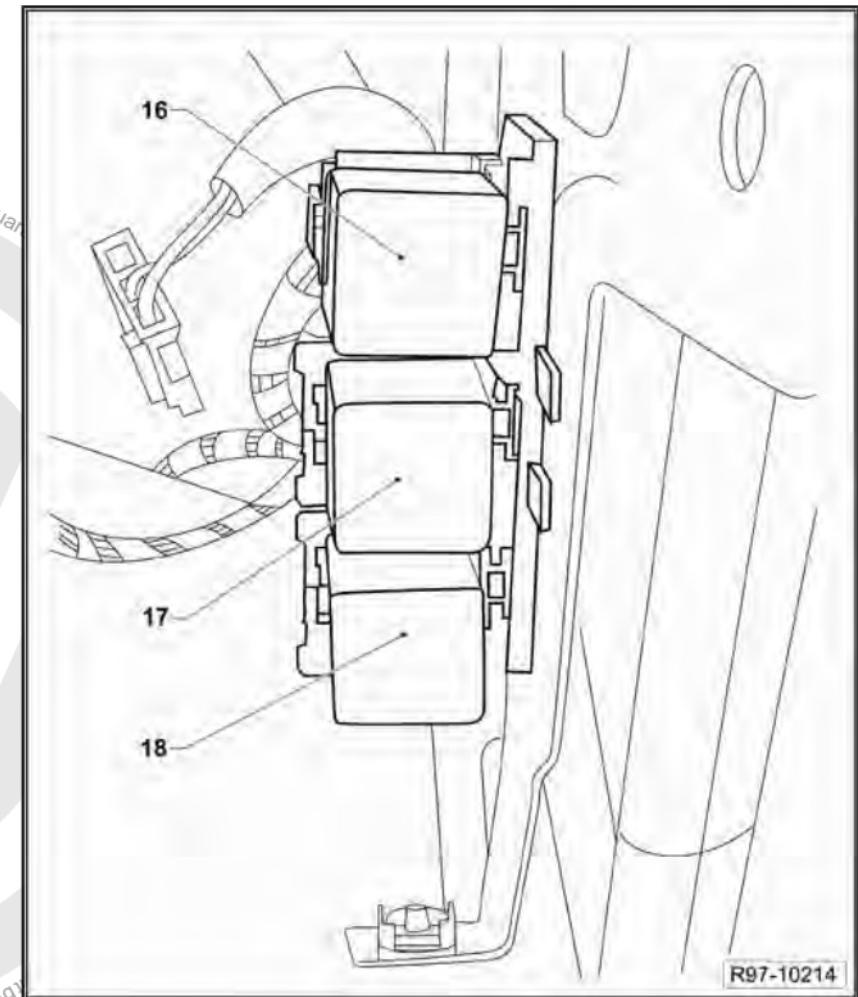
17 - Starter motor relay 2 -J695-

Colour: Black

18 - Gearbox hydraulic pump relay -J510-

Colour: Black

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by Volkswagen AG. Volkswagen AG does not guarantee the accuracy of the information contained in this document.



1 Control units

1 - Control unit in dash panel insert -J285- and Control unit for interactive system -J879-

- Fitting Location: [⇒ page 3](#)
- Description of the control unit in dash panel insert -J285- : [⇒ page 3](#)
- Description of the Control unit for interactive system -J879- : [⇒ page 5](#) ¹⁾

2 - Engine control unit -J623- 2)

- Fitting Location: [⇒ page 6](#) 2.1)
- Fitting Location: [⇒ page 6](#) 2.2)
- Connector description: [⇒ page 6](#)

2 - Engine control unit -J623- 3)

- Fitting Location: [⇒ page 8](#)
- Connector description: [⇒ page 8](#)

3 - Automatic gearbox control unit -J217-

- Fitting Location: [⇒ page 10](#)
- Connector description: [⇒ page 10](#)

4 - ABS control unit -J104-

- Fitting Location: [⇒ page 12](#)
- Connector description: [⇒ page 12](#)

5 - Airbag control unit -J234-

- Fitting Location: [⇒ page 14](#)
- Connector description: [⇒ page 14](#)

6 - Air conditioning system control unit -J301-

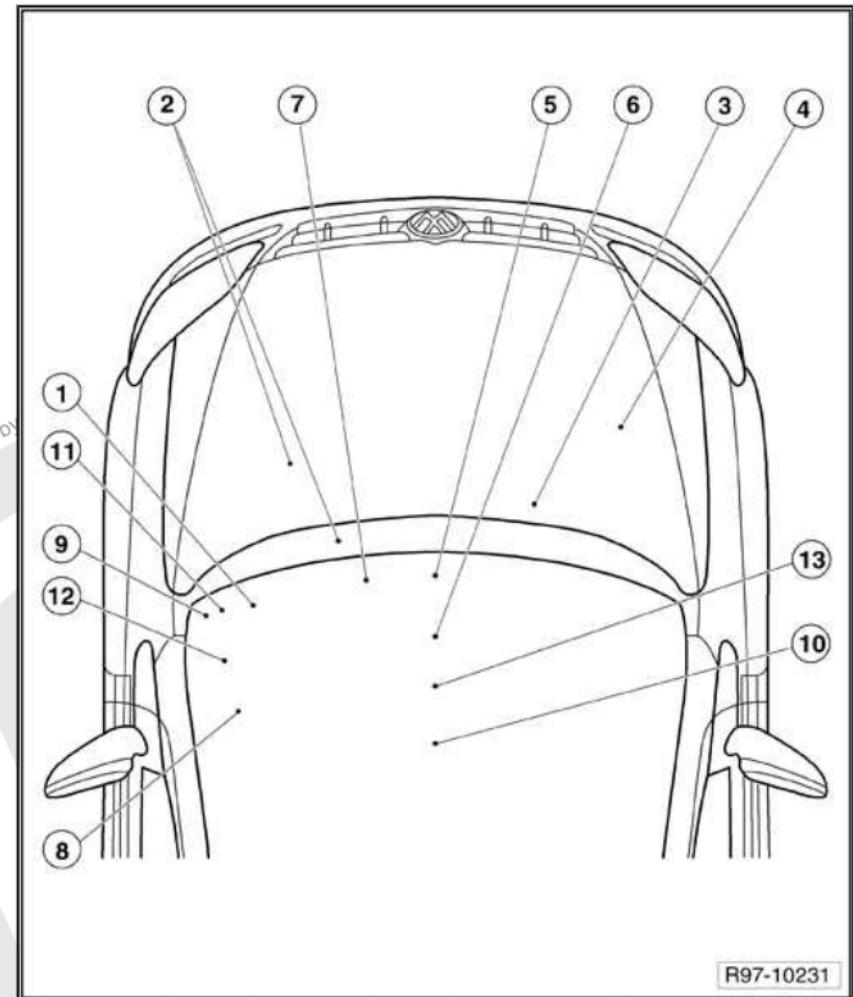
- Fitting Location: [⇒ page 16](#)
- Connector description: [⇒ page 16](#)

7 - Convenience system central control unit -J393-

- Fitting Location: [⇒ page 18](#)
- Connector description: [⇒ page 18](#)

8 - Parking aid control unit -J446-

- Fitting Location: [⇒ page 20](#)
- Connector description: [⇒ page 20](#)



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by
in this document. Copyright by Volkswagen AG.

9 - Control unit for lighting and wiper functions -J917-

- Fitting Location: [⇒ page 22](#)
- Connector description: [⇒ page 22](#)

10 - Sliding sunroof adjustment control unit -J245-

- Fitting Location: [⇒ page 24](#)
- Connector description: [⇒ page 24](#)

11 - Folding exterior mirror control unit -J351-

- Fitting Location: [⇒ page 26](#)
- Connector description: [⇒ page 26](#)

12 - Operating unit in steering wheel -E221-

- Fitting Location: [⇒ page 28](#)
- Connector description: [⇒ page 28](#)

13 - Selector lever sensors control unit -J587-

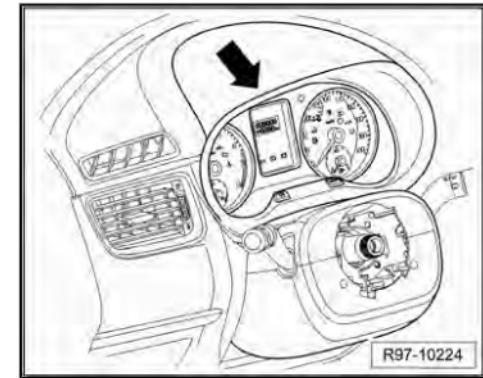
- Fitting Location: [⇒ page 30](#)
- Connector description: [⇒ page 30](#)

 Note

- ◆ 1) For vehicles with onboard computer only
- ◆ 2) For engines with 80 pins only.
- ◆ 2.1) For vehicles with manual gearbox only
- ◆ 2.2) For vehicles with automated gearbox only
- ◆ 3) For engines with 112 pins only

1.1 Control unit in dash panel insert -J285- and Control unit for interactive system -J879-**1.1.1 Fitting locations:**

- Next to the instrument cluster steering column -Arrow-

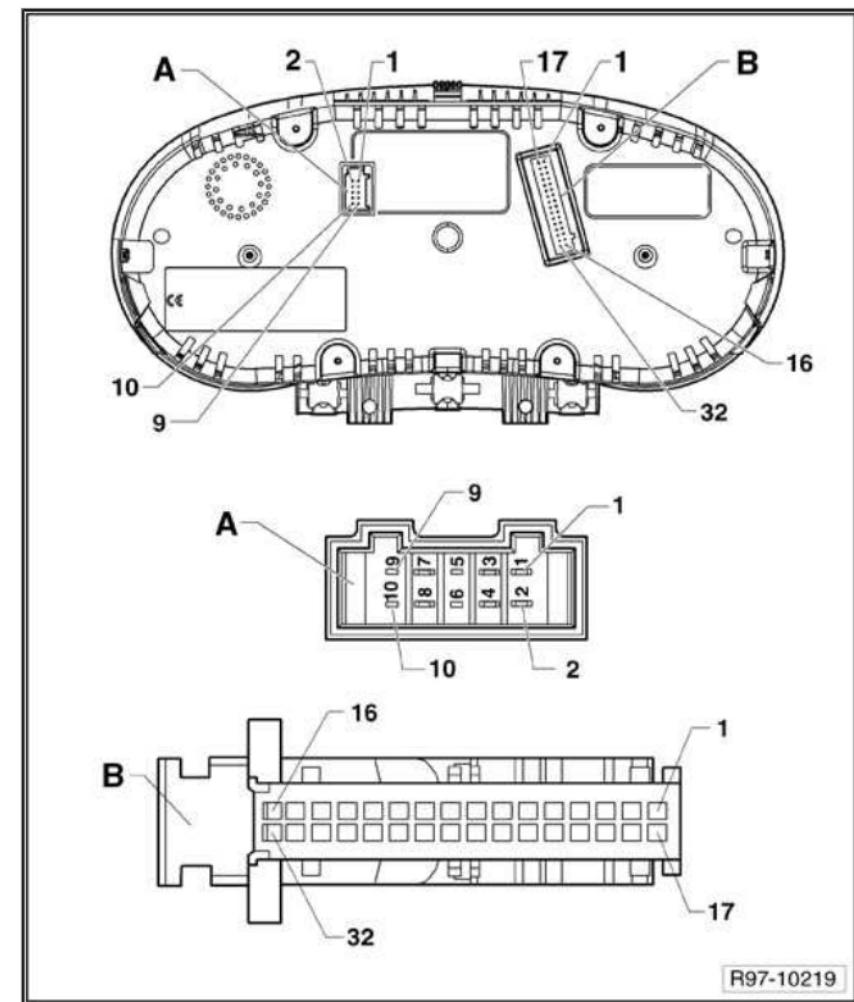
1.1.2 Connector description:

B - 32-pin connector, in the control unit with instrument cluster indicator -T32a-

- 1 - Immobilizer reading coil
- 2 - Immobilizer reading coil
- 3 - Central control unit for convenience system
- 4 - Terminal 61 - Alternator
- 5 - Radio - activate
- 6 - Radio - clock
- 7 - Radio - date
- 8 - Terminal K - Diagnosis
- 9 - Rear window defogger
- 10 - Handbrake control switch
- 11 - Seat Belt - Prediction
- 12 - Oil pressure switch
- 13 - Tailgate unlocking
- 14 - LIN Master (HL)
- 15 - Terminal 31
- 16 - Terminal 15 - Ignition
- 17 - Turn signals - left
- 18 - Turn signals - right
- 19 - Driver door switch
- 20 - Empty
- 21 - CAN-bus "High" Terminal
- 22 - CAN-bus "Low" Terminal
- 23 - Reserved
- 24 - Speed sensor
- 25 - Terminal 56a - Main beam
- 26 - Contact S.
- 27 - Terminal 58
- 28 - Terminal 58d

Protected by copyright. Copying for private commercial purposes is prohibited.
Copyright by Volkswagen AG.

Volkswagen AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copying for private commercial purposes is prohibited.

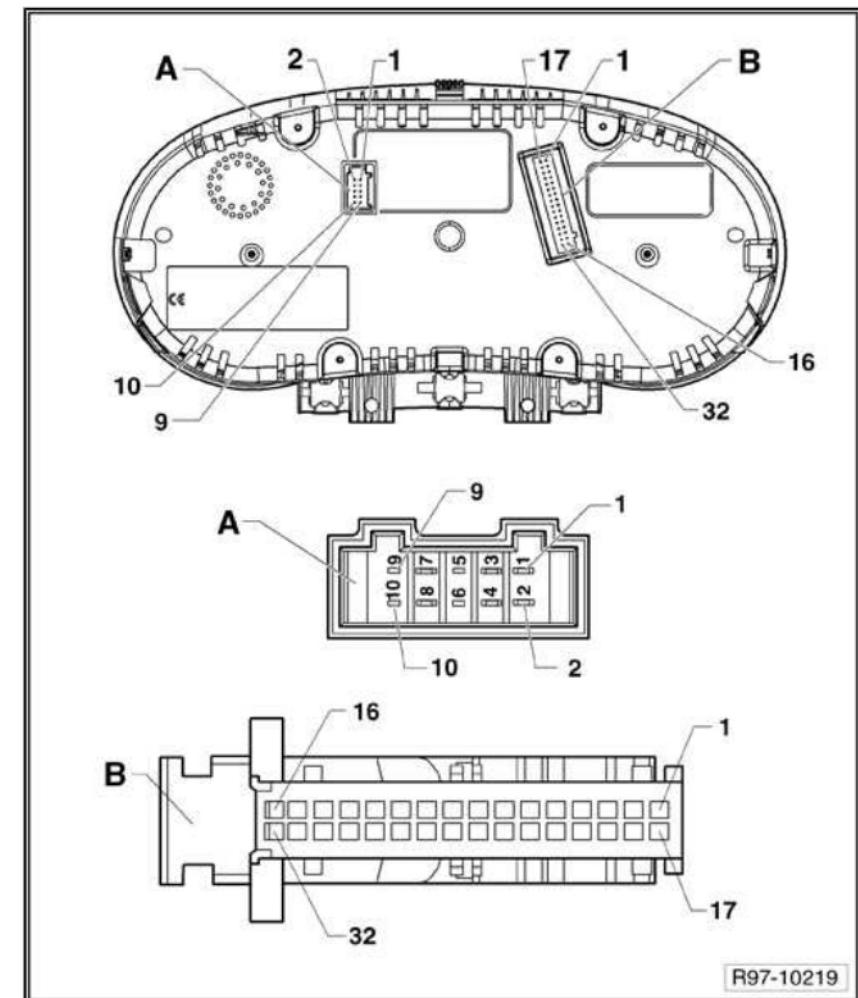


- 29 - Fuel gauge sensor
- 30 - Terminal 31 for sensors
- 31 - Terminal 31 for sensors
- 32 - Terminal 30

1.1.3 Connector description:

A - 10-pin connector in the interactive system control unit -T10d-

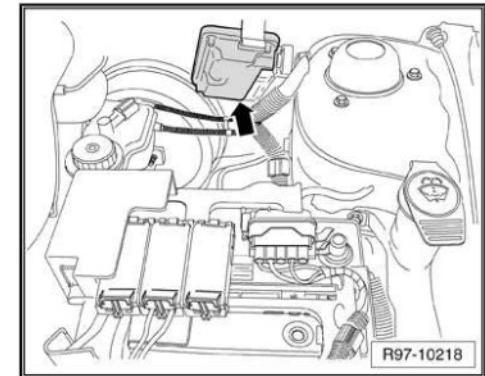
- 1 - Radio remote control
- 2 - Parking assist control unit inhibition output
- 3 - Empty
- 4 - Horn output
- 5 - External temperature
- 6 - Water level in the windscreen washer reservoir
- 7 - Coolant reservoir level
- 8 - MFA input
- 9 - Analogue GRA
- 10 - Digital GRA



1.2 Engine control unit -J623-

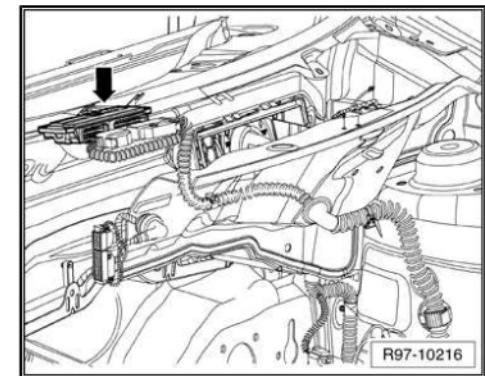
1.2.1 Fitting location:

- To the left of the engine compartment -Arrow-



1.2.2 Fitting location:

- To the left of the engine compartment (under the top grill)
-Arrow-

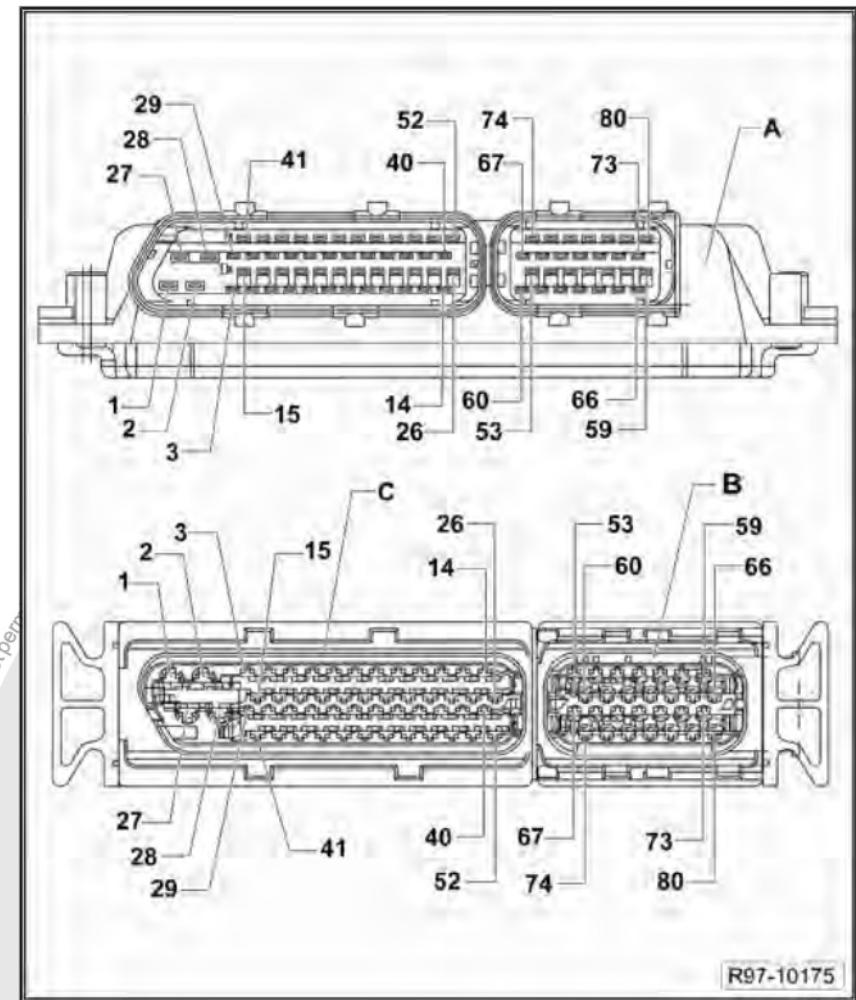


1.2.3 Connector description:

Protected by copyright. Copying for private purposes only is not permitted unless authorised by Volkswagen AG.

A - Engine control unit -J623-

B / C - 80-pin connector, in the engine control unit -T80a-



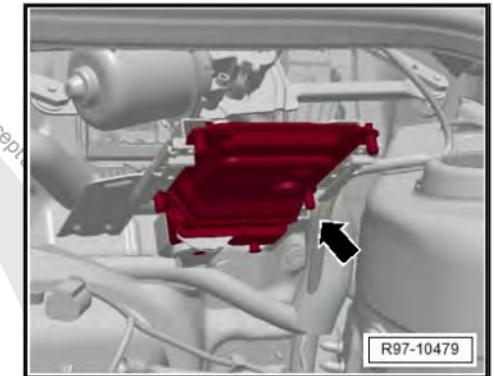
Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted.

Printed in this document. Copyright by Volkswagen AG.

1.3 Engine control unit -J623-

1.3.1 Fitting location:

- To the left of the engine compartment -Arrow-



1.3.2 Connector description:

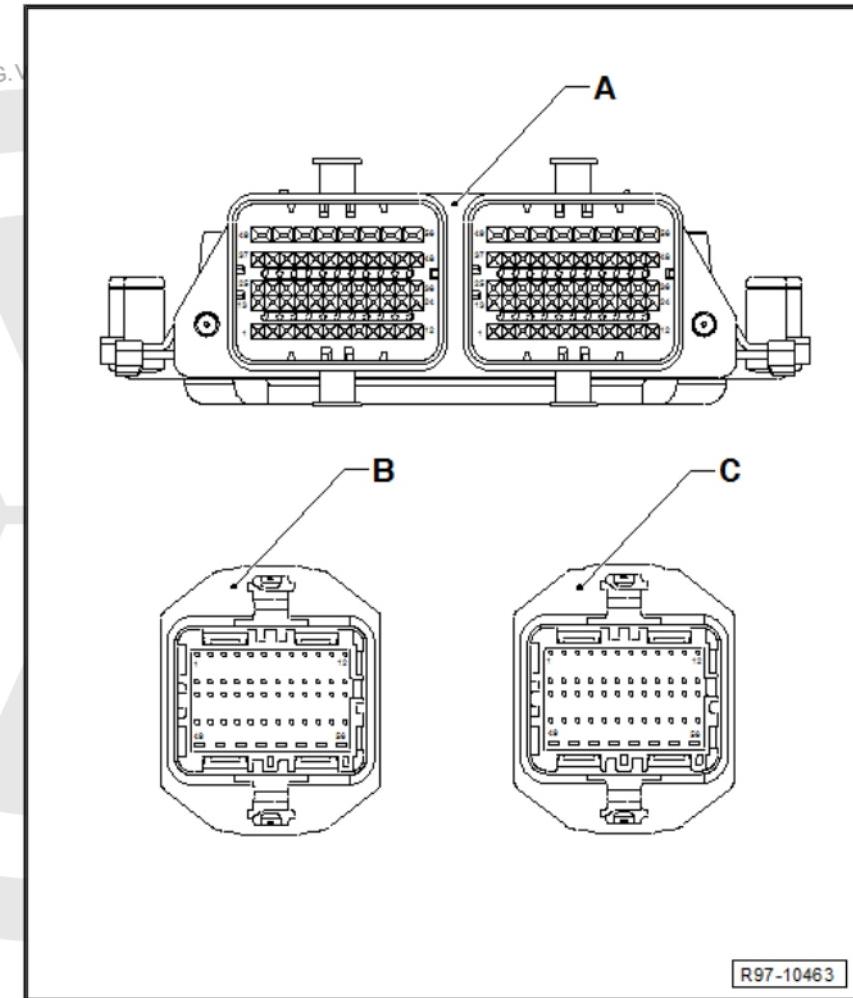
Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by Volkswagen AG. Volkswagen AG does not guarantee or accept any liability for any damage that may result from the incorrectness of information in this document. Copyright by Volkswagen AG.

A - Engine control unit -J623-

B - 56-pin connector, in the engine control unit -T56a-

C - 56-pin connector, in the engine control unit -T56b-

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by Volkswagen AG.

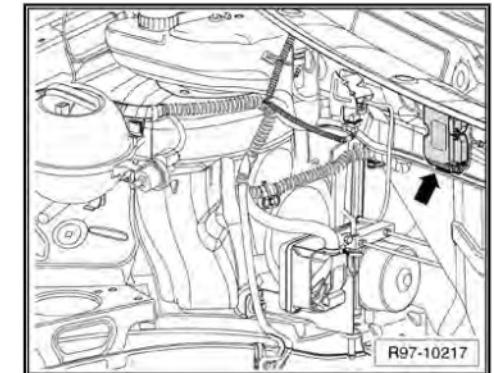


R97-10463

1.4 Automatic gearbox control unit -J217-

1.4.1 Fitting locations:

- To the right of the engine compartment -Arrow-



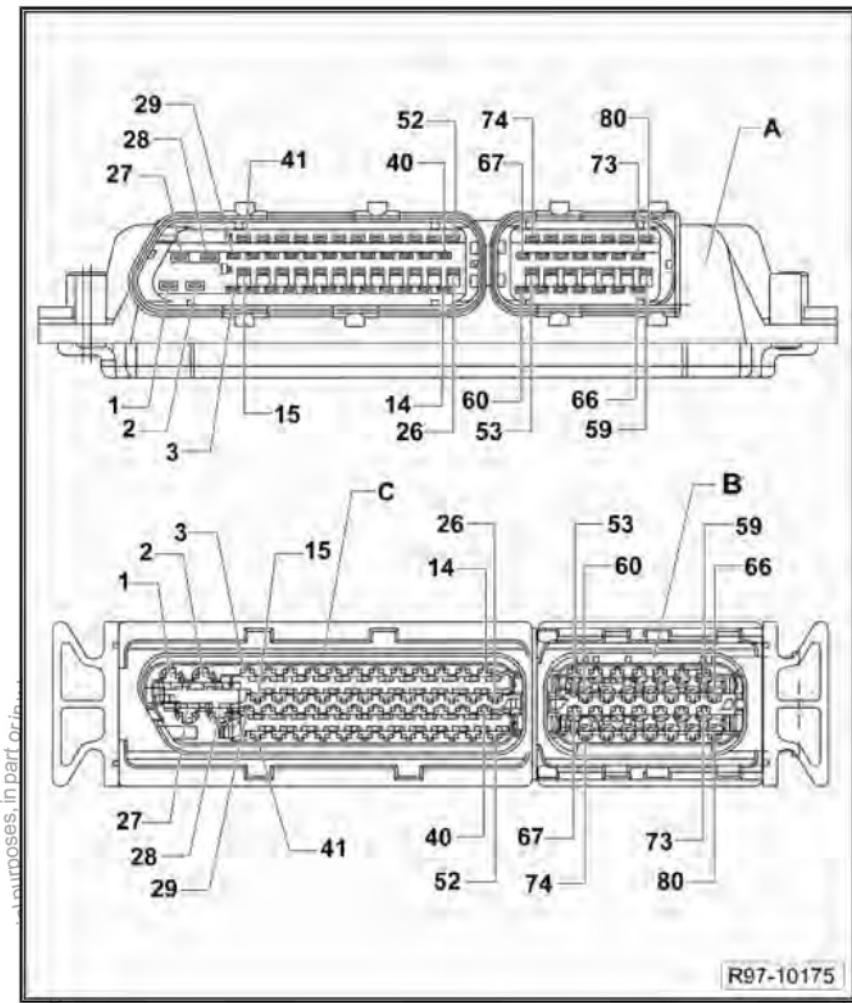
1.4.2 Connector description:

Protected by copyright. Copying for private use only.
Protected by copyright by Volkswagen AG.
Copying for private purposes, in part or in whole, is not permitted unless authorised by Volkswagen AG. Volkswagen AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copying for commercial purposes, in part or in whole, is not permitted unless authorised by Volkswagen AG.



A - Automatic gearbox control unit -J217-

B / C - 80-pin connector, in the automatic gearbox control unit -T80b-



Protected by copyright. Copying or reproduction of this document, in part or in whole, is prohibited.

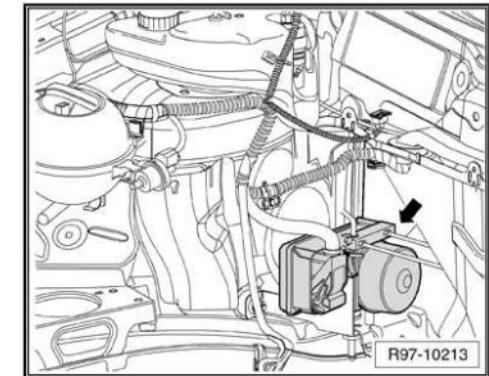
Protected by copyright. Copying or reproduction of this document, in part or in whole, is prohibited.

R97-10175

1.5 ABS control unit -J104-

1.5.1 Fitting locations:

- To the right of the engine compartment - Arrow -

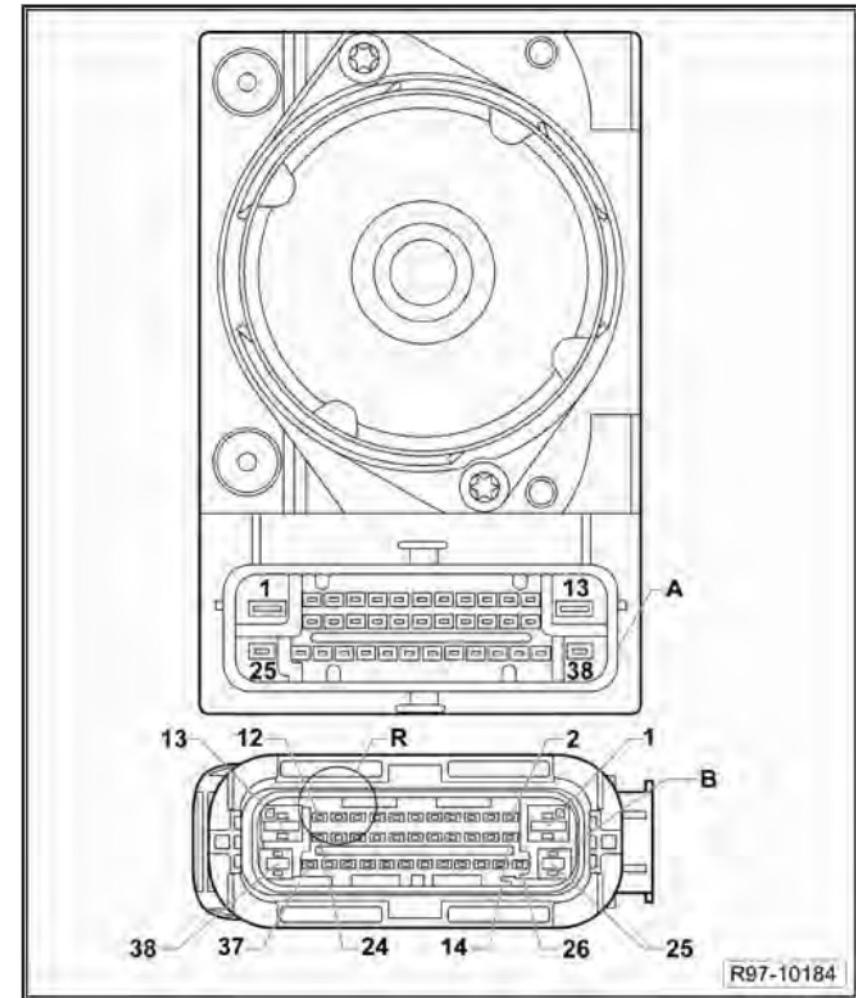


1.5.2 Connector description:

Protected by copyright. Copying for private purposes only is permitted unless authorised by Volkswagen AG. Volkswagen AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by Volkswagen AG.

A - ABS control unit -J104-

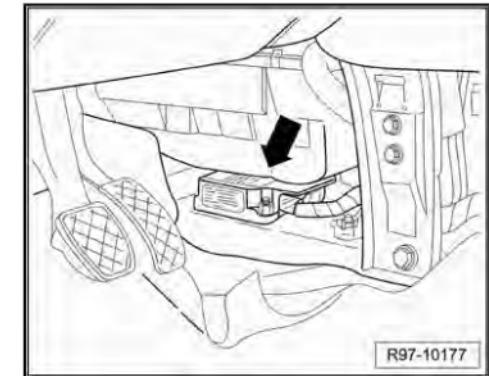
B - 38-pin connector, in the ABS control unit -T38a-



1.6 Airbag control unit -J234-

1.6.1 Fitting locations:

- Under the central console, next to the selector lever -Arrow-

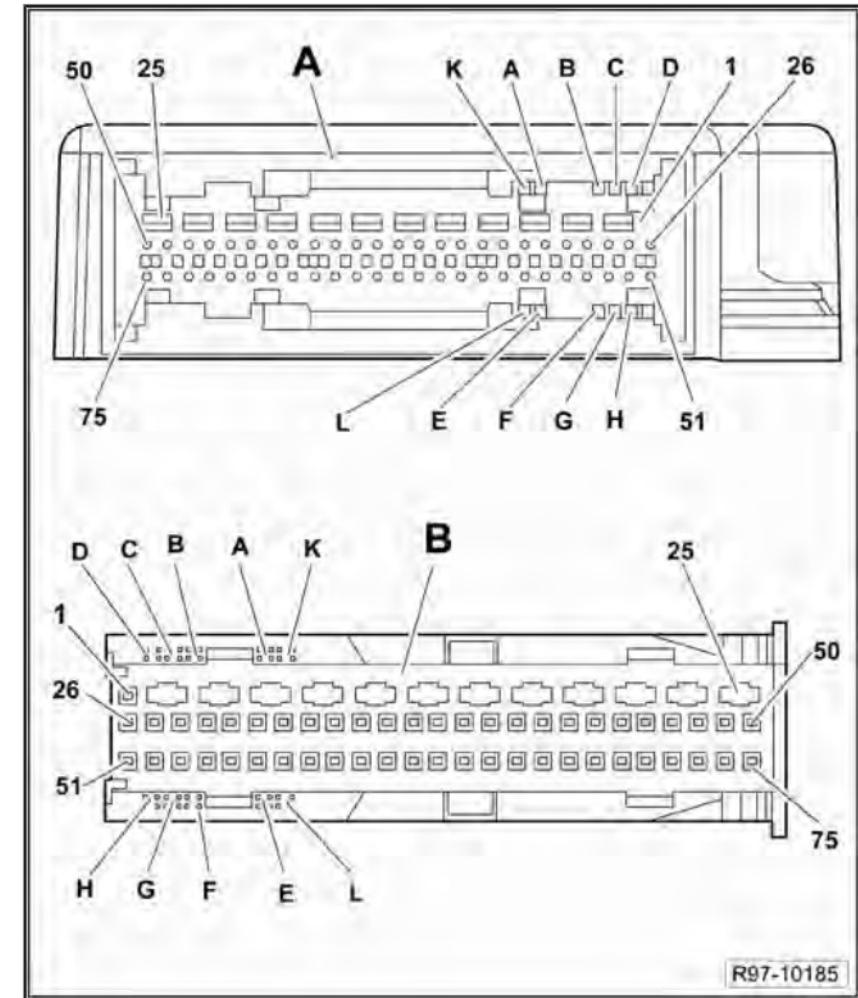
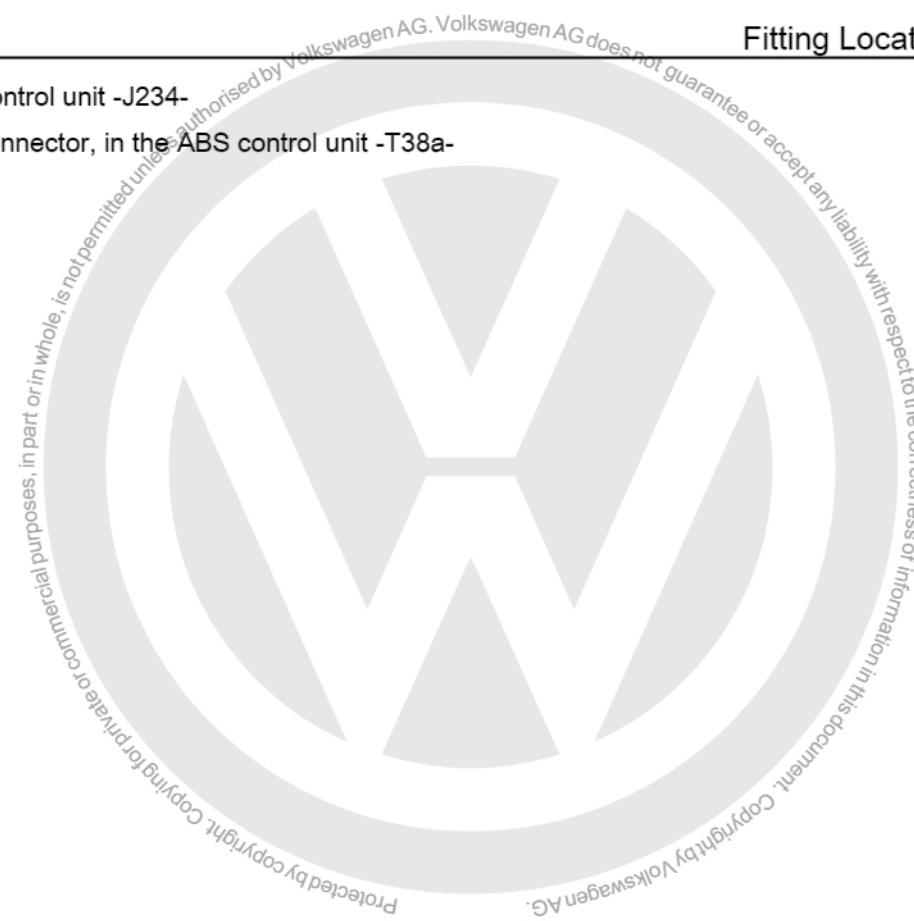


1.6.2 Connector description:



A - Airbag control unit -J234-

B - 38-pin connector, in the ABS control unit -T38a-



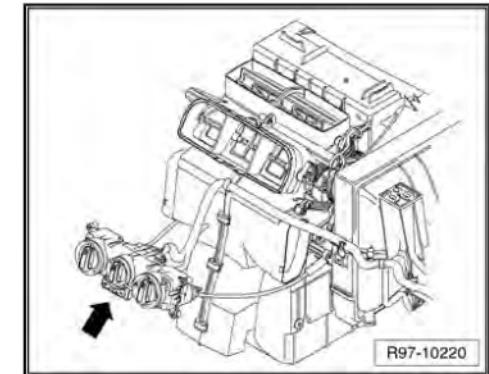
R97-10185

1.7 Air conditioning system control unit -J301-

1.7.1 Fitting locations:

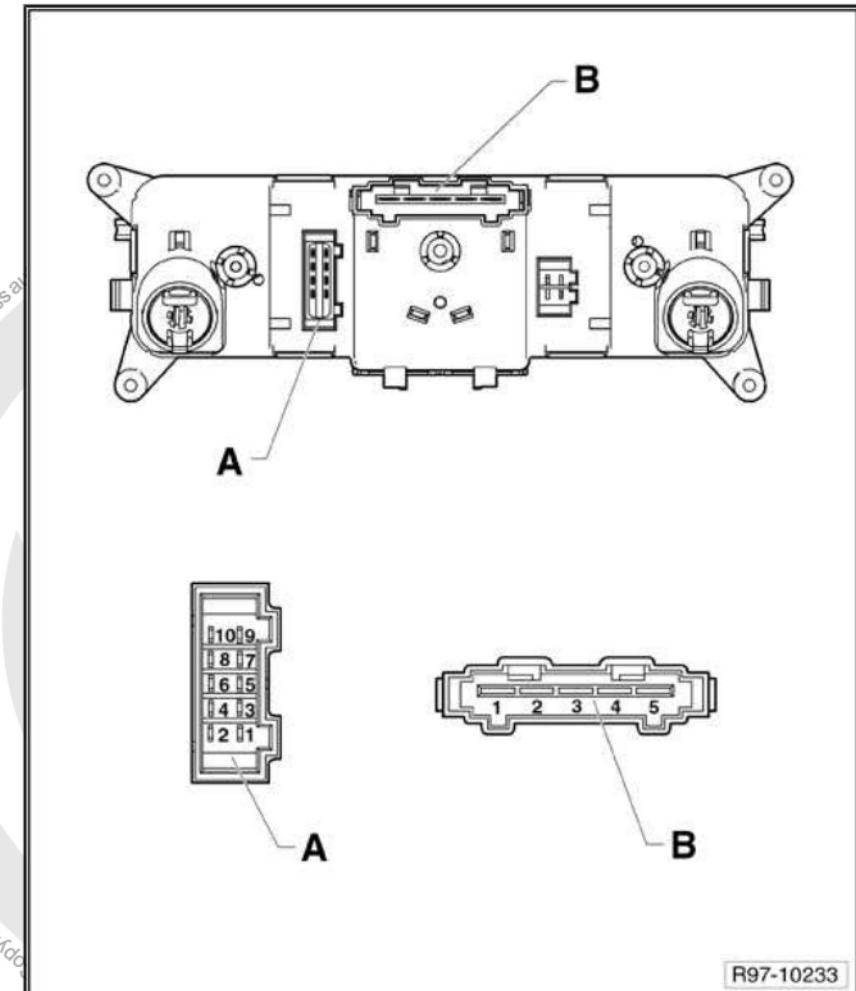
- Over the front centre console -Arrow-

1.7.2 Connector description:



A - 10-pin connector in the air conditioning control unit -T10f-

B - 5-pin connector in the natural air fan switch -T5m-



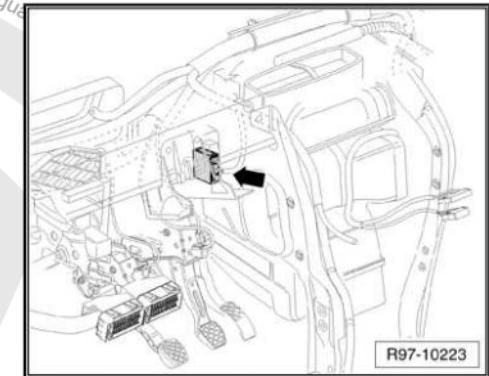
R97-10233

Protected by copyright
Volkswagen AG.

1.8 Convenience system central control unit -J393-

1.8.1 Fitting locations:

- Behind the dash panel, to the left of the steering column
-Arrow-



1.8.2 Connector description:

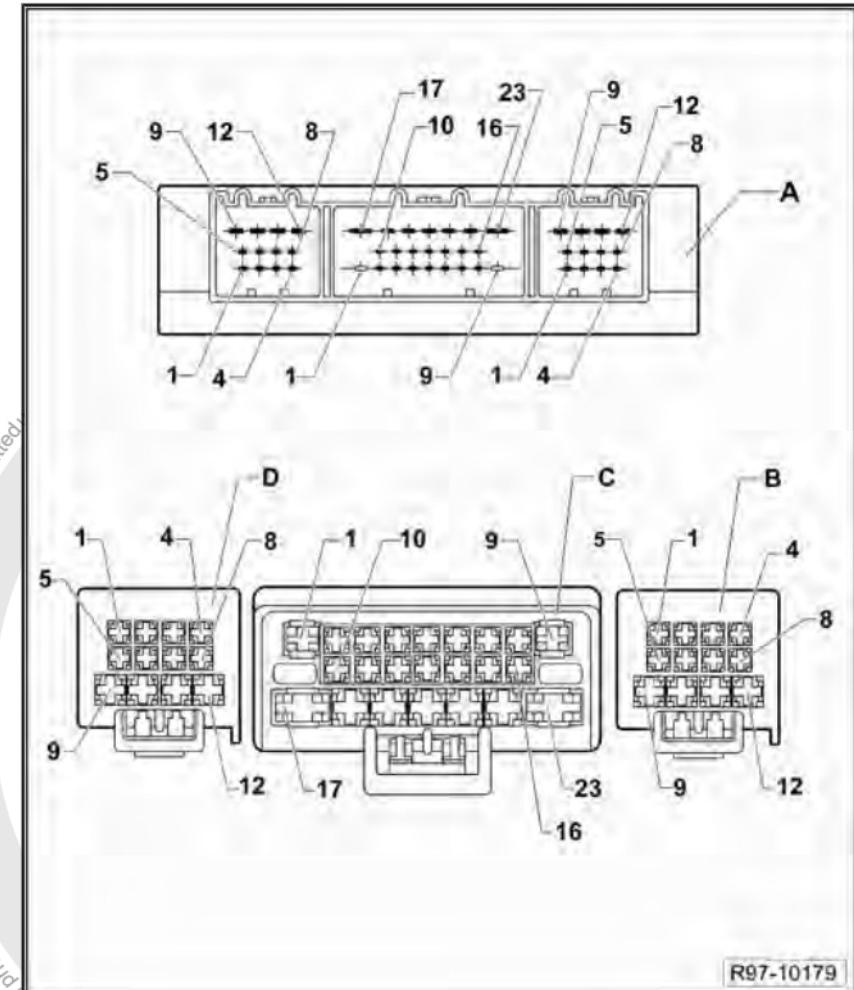
Protected by copyright. Copying for private use only.
Protected by copyright. Copying or distribution in whole or in part is not permitted unless authorised by Volkswagen AG.

A - Convenience system central control unit -J393-

B - 12-pin connector in the central control unit for convenience system -T12c-

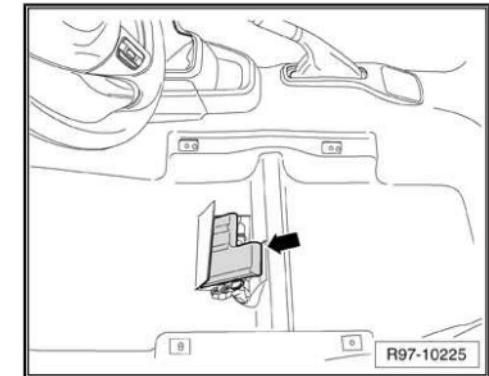
C - 23-pin connector in the central control unit for convenience system -T23a-

D - 12-pin connector in the central control unit for convenience system -T12b-



1.9 Parking aid control unit -J446-**1.9.1 Fitting locations:**

- To the left under the driver seat, next to the centre console
-Arrow-

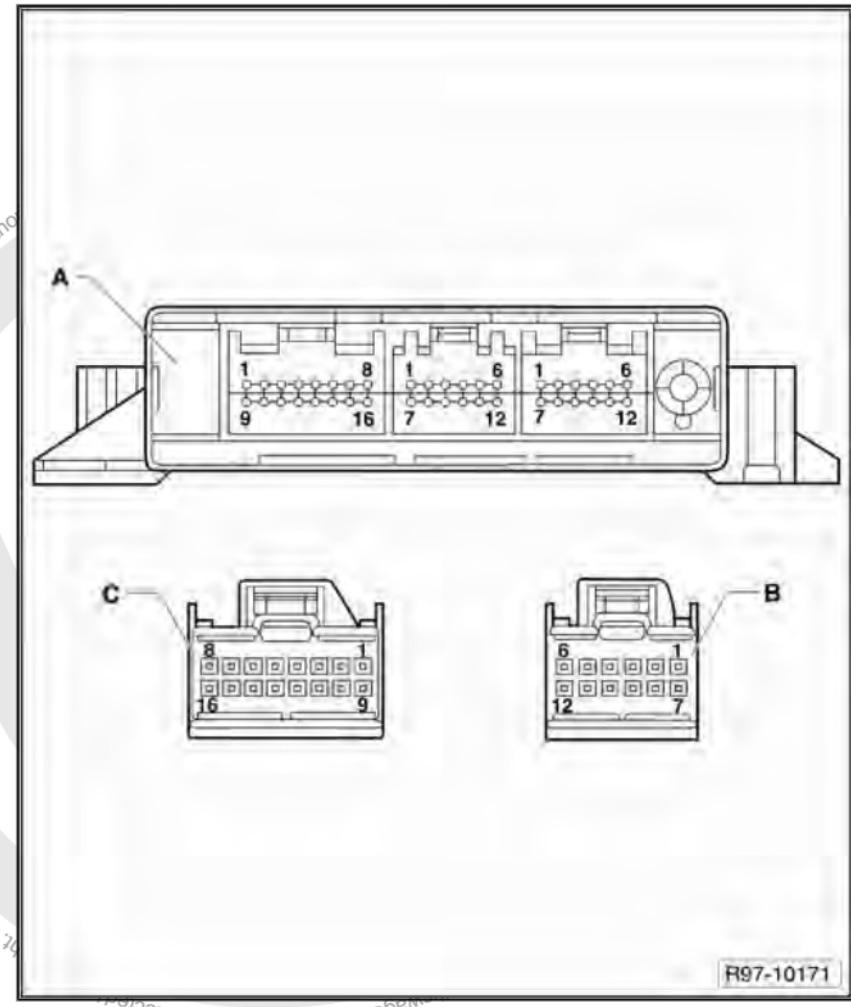
1.9.2 Connector description:

A - Parking aid control unit -J446-

B - 12-pin connector in the parking assist control unit -T12f-

C - 16-pin connector in the parking assist control unit -T16e-

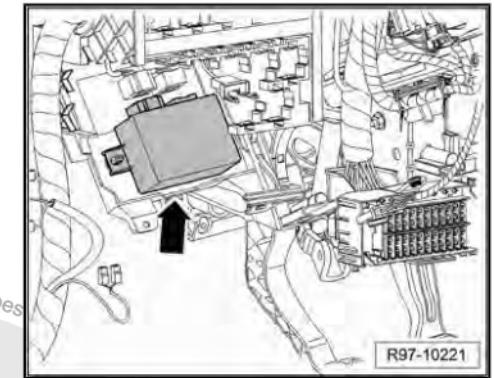
It is not permitted to copy or print parts of this document for commercial purposes, in part or in whole.



1.10 Control unit for lighting and wiper functions -J917-

1.10.1 Fitting locations:

- To the left, behind the relay-holder - Arrow -



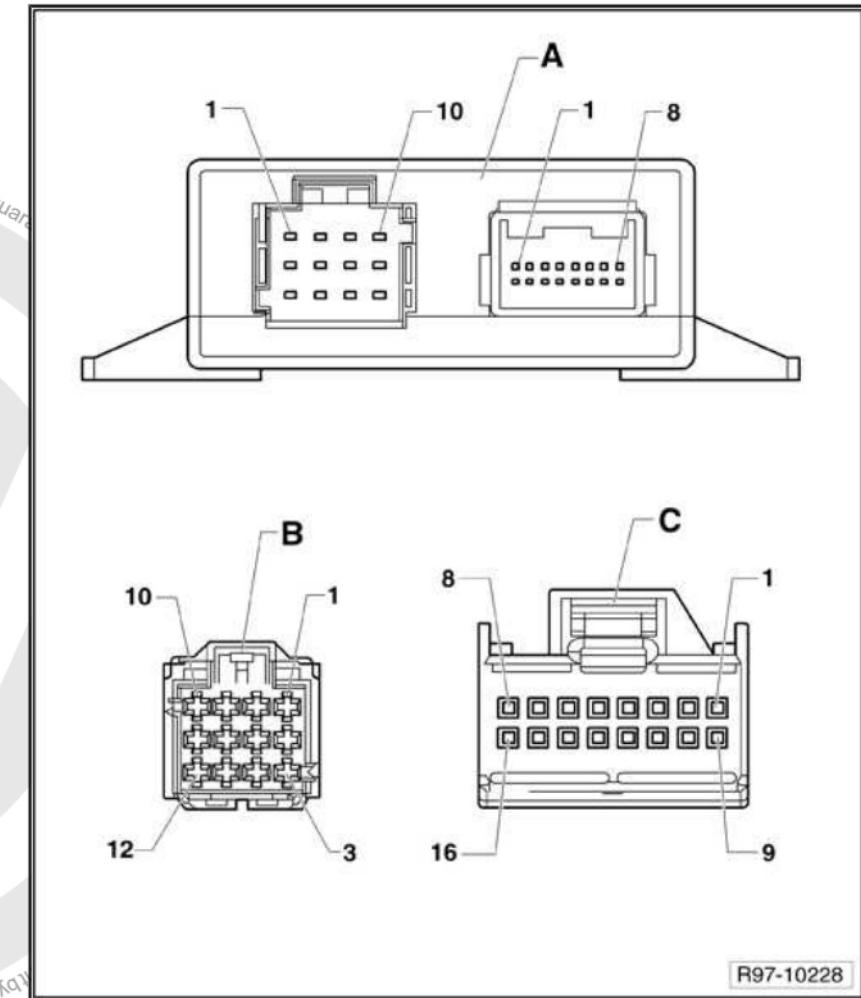
1.10.2 Connector description:

Protected by copyright. Copying for private purposes only is permitted unless authorised by Volkswagen AG. This document may not be accepted any liability with respect to the correctness of information in this document. Copyright by Volkswagen AG.

A - Control unit for lighting and wiper functions -J917-

B - 12-pin connector, in the windscreen wiper function light control unit -T12e-

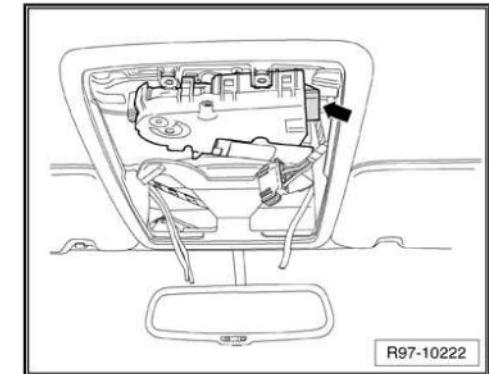
C - 16-pin connector, in the windscreen wiper function light control unit -T16d-



1.11 Sliding sunroof adjustment control unit -J245-

1.11.1 Fitting locations:

- In front of the rear-view mirror, next to the reading lights-Arrow-



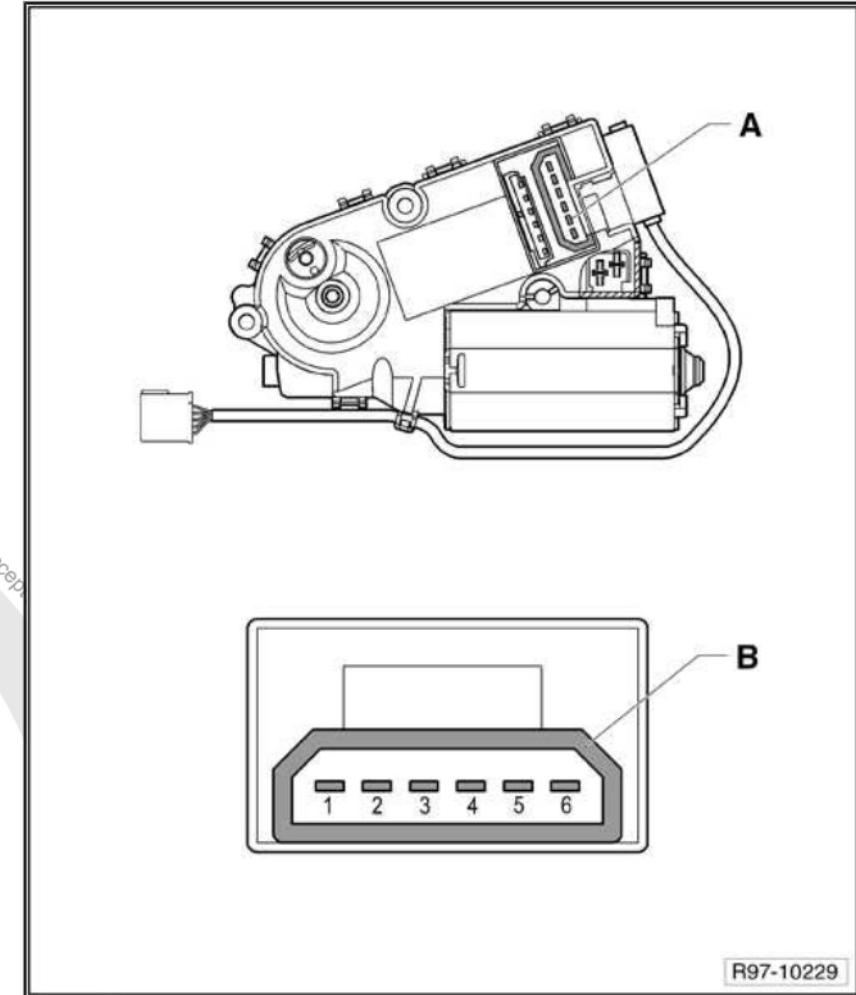
1.11.2 Connector description:

Protected by copyright. Copying for private use or in part or in whole, is not permitted unless authorised by Volkswagen AG. Volkswagen AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copying for commercial purposes, in part or in whole, is not permitted.

A - Sliding sunroof adjustment control unit -J245-

B - 6-pin connector in the sunroof movement control unit -T6ab-

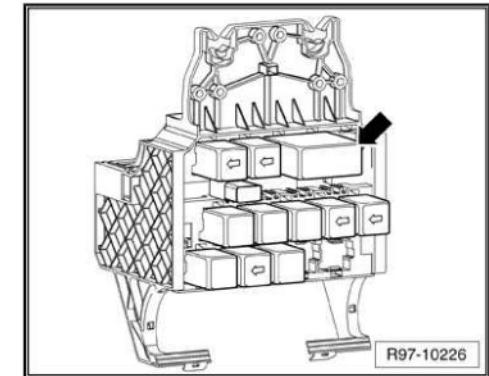
Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by Volkswagen AG. Volkswagen AG does not guarantee or accept liability in this connection.



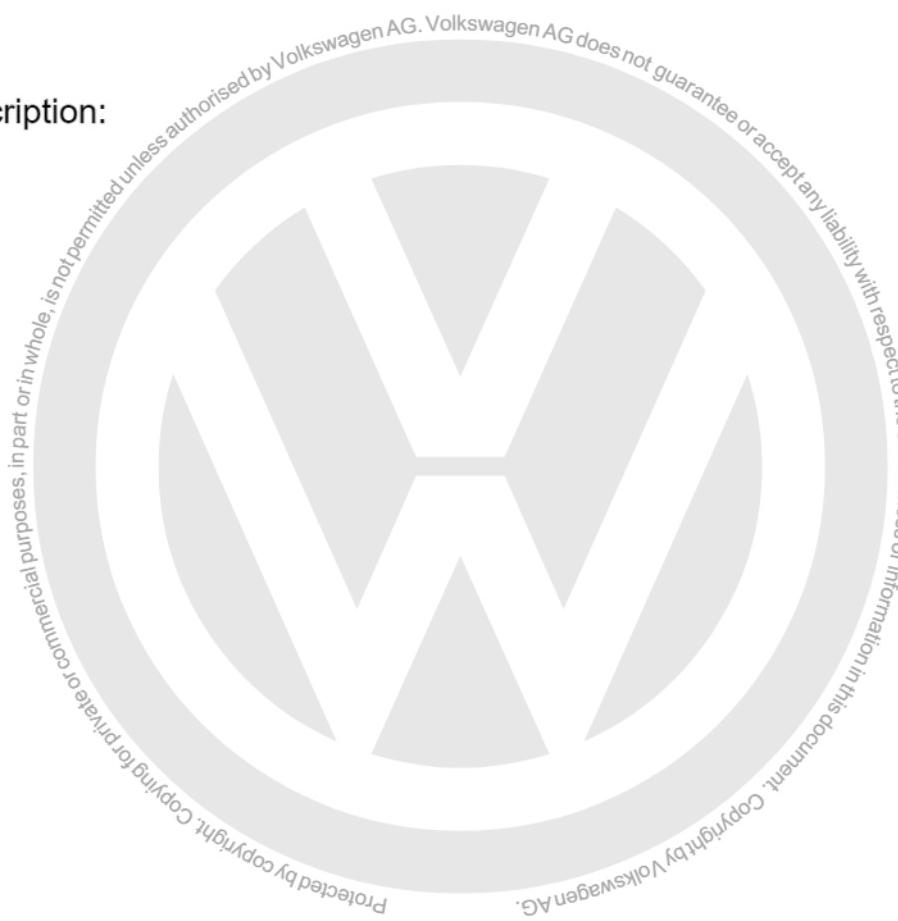
1.12 Folding exterior mirror control unit -J351-

1.12.1 Fitting locations:

- To the left, in the relay-holder -Arrow-

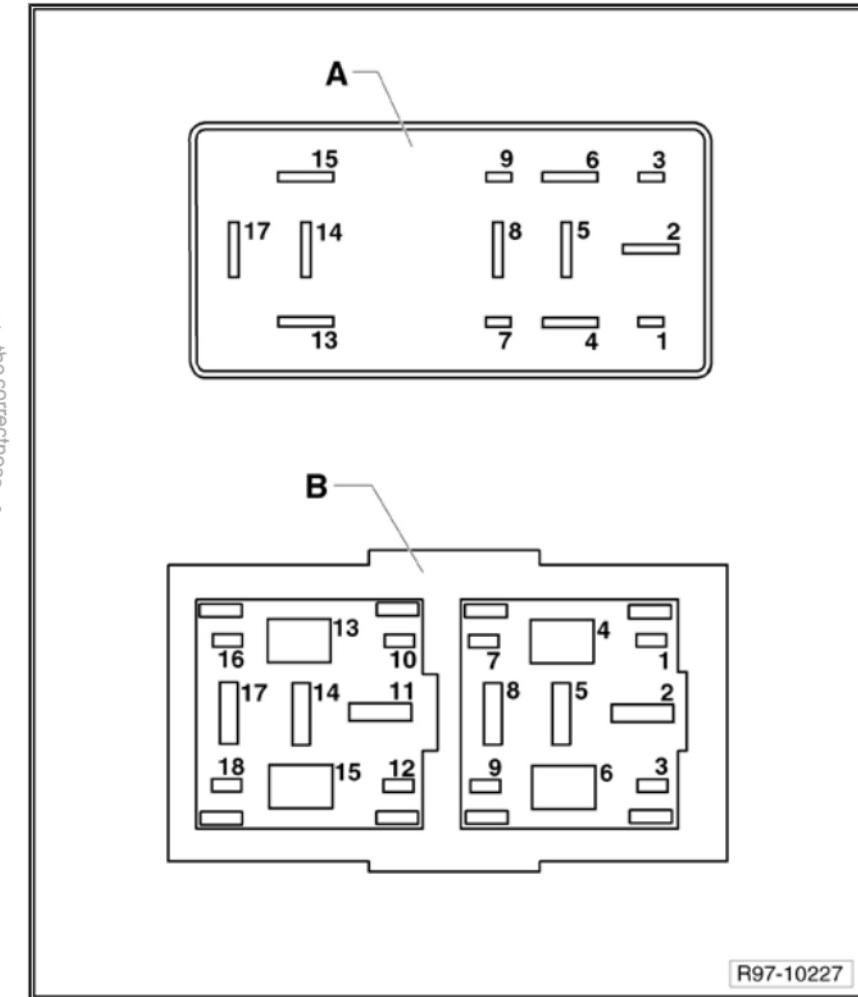


1.12.2 Connector description:



A - Folding exterior mirror control unit -J351;

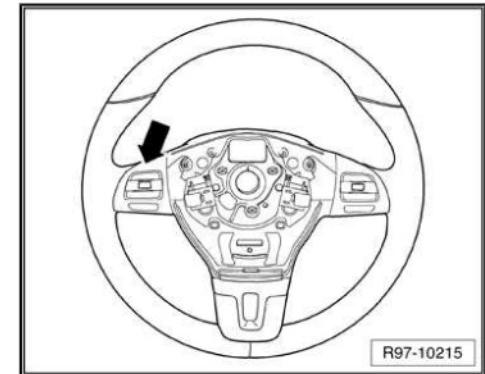
B - 18-pin connector in the external rear-view mirror folding control unit -T18b-



1.13 Operating unit in steering wheel -E221-

1.13.1 Fitting locations:

- To the left, in the steering wheel -Arrow-



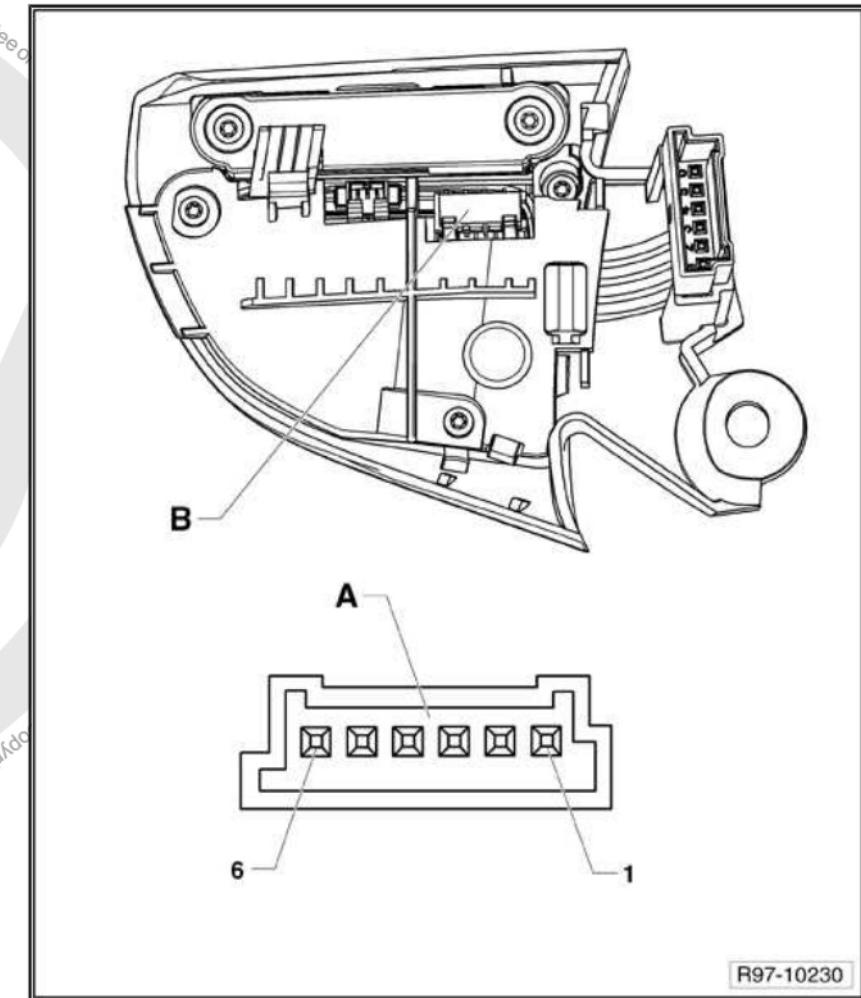
1.13.2 Connector description:

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by Volkswagen AG. Volkswagen AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copying by Volkswagen AG.

A large, semi-transparent grayscale Volkswagen logo watermark is centered on the page. It features the iconic six-petaled flower design.

A - 6 pin connector, in the steering wheel control unit -T6ai-

B - Operating unit in steering wheel -E221-

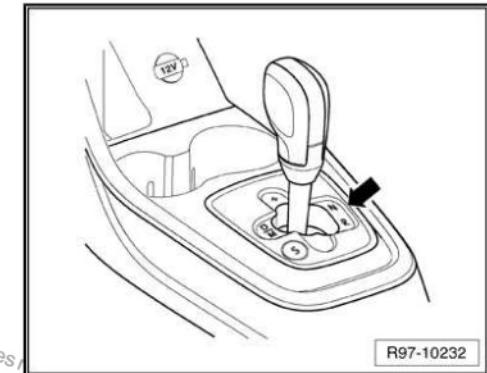


R97-10230

1.14 Selector lever sensors control unit -J587-

1.14.1 Fitting locations:

- Under the centre console -Arrow-

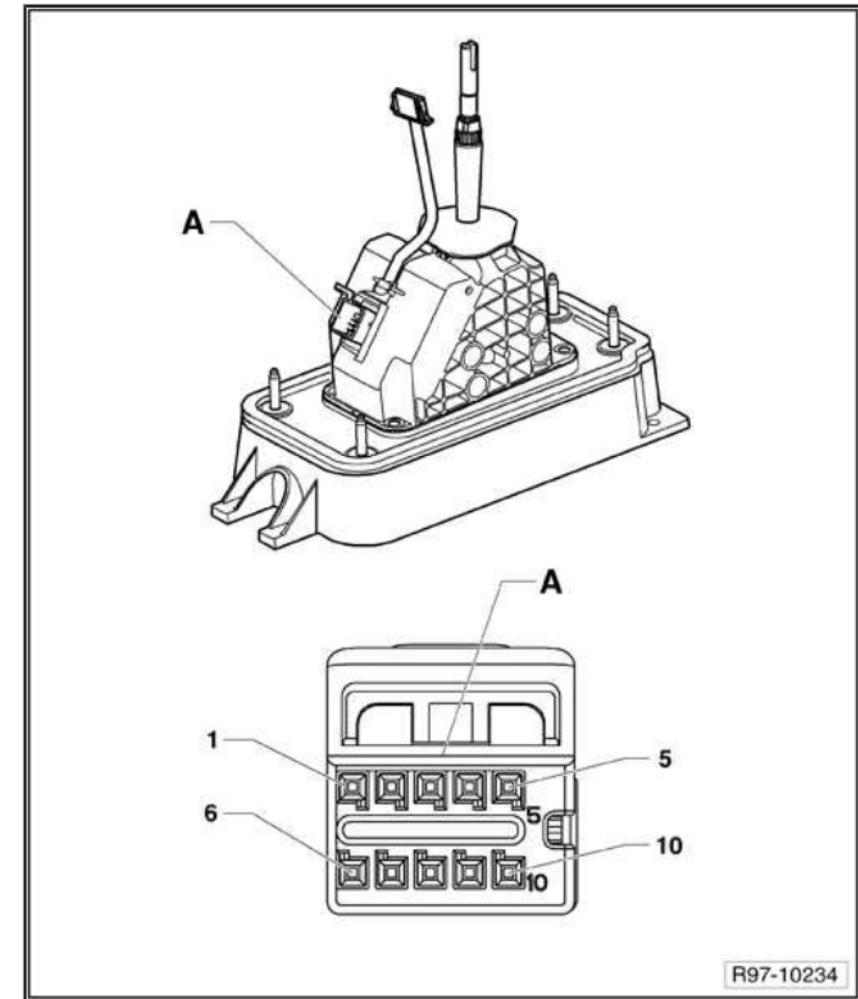


1.14.2 Connector description:

Protected by copyright. Copying for private use or commercial purposes, in part or in whole, is not permitted unless authorised by Volkswagen AG. Volkswagen AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by Volkswagen AG.

A - 10-pin connector in the selector lever sensors control unit -T10g-

Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by Volkswagen AG. Volkswagen AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright © Volkswagen AG.



1 Relays

1 - Relay to the left, behind the dashboard:

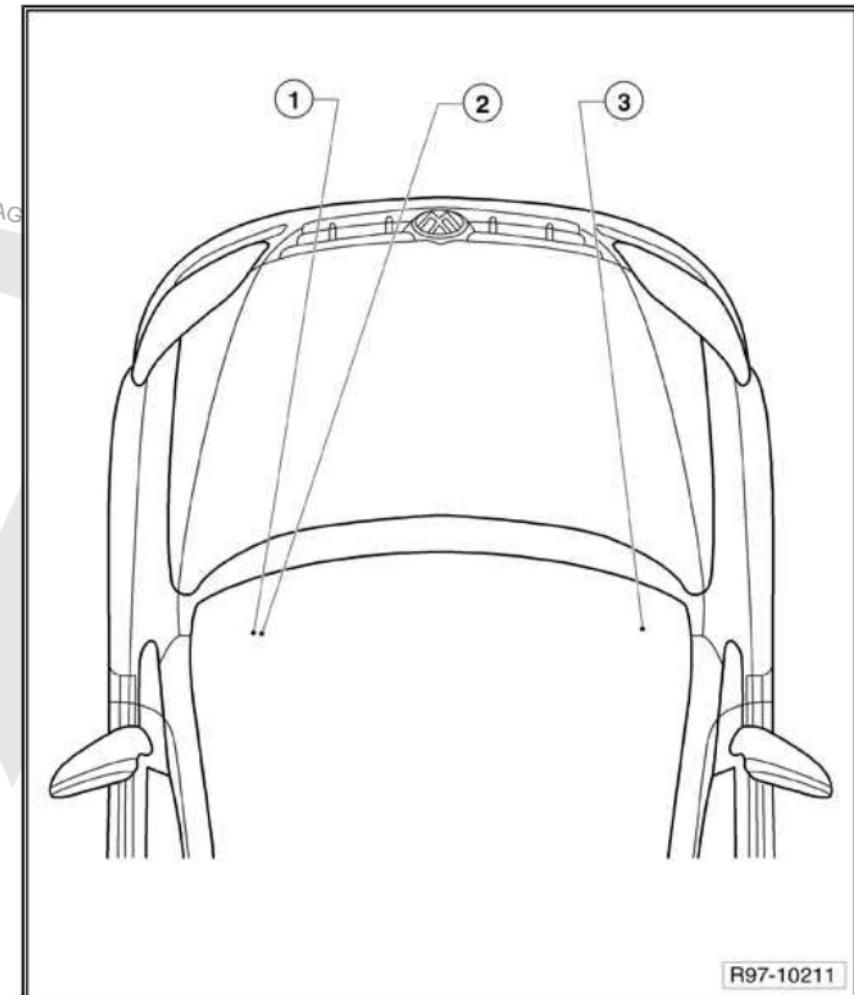
- Description of relays, as of April 2012:¹⁾ [⇒ page 2](#)
- Description of relays, as of April 2012:²⁾ [⇒ page 5](#)

2 - Relay above the relay-carrier

- Relay description: [⇒ page 7](#)

3 - Relay to the right of the dashboard, behind the glove compartment:

- Relay description, as of April 2012: [⇒ page 8](#)



Protected by copyright. Copying for private commercial purposes, in part or in whole, is not permitted unless authorised by Volkswagen AG.
Volkswagen AG.



Note

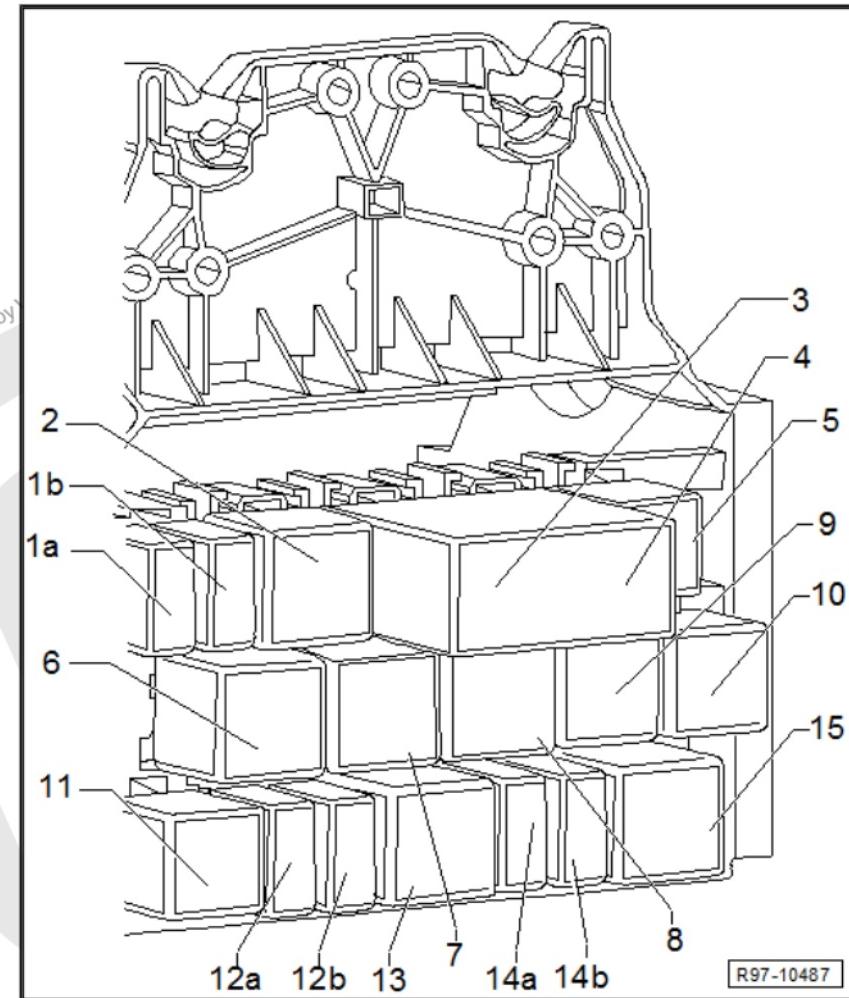
- ◆ 1)*Only for vehicles without rain sensor and sunlight penetration photosensor*
- ◆ 2)*Only for vehicles with rain sensor and sunlight penetration photosensor*

1.1 Relay to the left, behind the dashboard

1.1.1 Relay descriptions, as of April 2012:



- 1a - Air conditioning system switch-off relay -J365-
 Colour: Grey
- 1b - X contact relief relay 2 -J339 -
 Colour: Black
- 2 - Starter motor relay -J53 -
 Colour: Black
- 3 - Folding exterior mirror control unit -J351-
 Colour: Black
- 4 - Folding exterior mirror control unit -J351-
 Colour: Black
- 5 - Voltage supply relay 1 -J701- ¹⁾
 Colour: Grey
- Fog light relay -J5- ²⁾
 Colour: Blue
- 6 - Heated rear window control relay -J48-
 Colour: Blue
- 7 - Gearbox hydraulic pump relay -J510 -
 Colour: Black
- 8 - X-contact relief relay -J59 -
 Colour: Grey
- 9 - Fresh air blower and radiator fan relay -J209 -
 Colour: Black
- 10 - Radiator fan 2nd speed relay -J101 -
 Colour: Black
- 11 - Fuel pump relay -J17 -
 Colour: Black
- 12a - Dual tone horn relay -J4 -
 Colour: Grey
- 12b - Cold start device relay -J41-
 Colour: Black
- 13 - Terminal 15 relief relay -J404-
 Colour: Black



Protected by copyright. Copying for private purposes, in part or in whole, is not permitted unless authorised by
Copyright by Volkswagen AG.

14a - Dipped beam relay -J331-

Colour: Grey

14b - Headlight main beam relay -J12-

Colour: Grey

15 - Automatic intermittent wash and wipe relay -J31 -

Colour: Red



Note

◆ ¹⁾For vehicles with 1.0l Total Flex engine only

◆ ²⁾For CROSS vehicles only

1.1.2 Relay descriptions, as of April 2012:



1a - Air conditioning system switch-off relay -J365-

Colour: Grey

1b - X contact relief relay 2 -J339 -

Colour: Black

2 - Starter motor relay -J53 -

Colour: Black

3 - Folding exterior mirror control unit -J351-

Colour: Black

4 - Folding exterior mirror control unit -J351-

Colour: Black

5 - Voltage supply relay 1 -J701- ¹⁾

Colour: Grey

- Fog light relay -J5 - ²⁾

Colour: Blue

6 - Heated rear window control relay -J48-

Colour: Blue

7 - Gearbox hydraulic pump relay -J510 -

Colour: Black

8 - X-contact relief relay -J59 -

Colour: Grey

9 - Fresh air blower and radiator fan relay -J209 -

Colour: Black

10 - Radiator fan 2nd speed relay -J101-

Colour: Black

11 - Fuel pump relay -J17 -

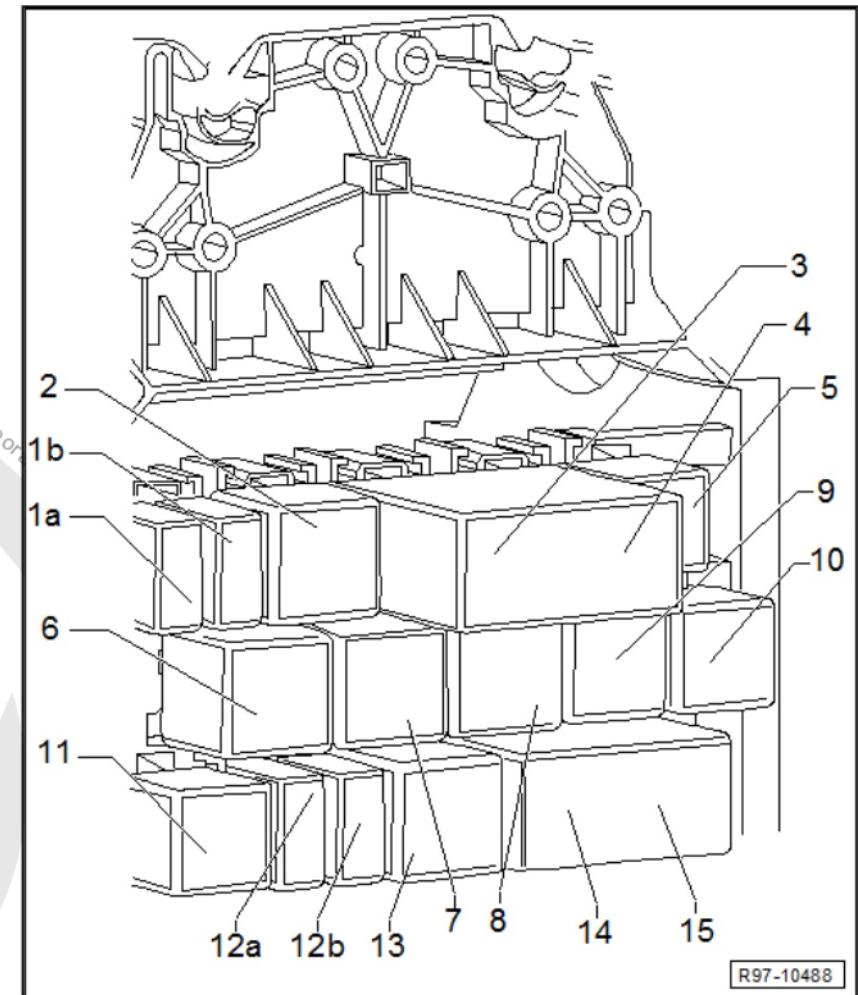
Colour: Black

12a - Dual tone horn relay -J4 -

Colour: Grey

12b - Cold start device relay -J41-

Colour: Grey



Fitting Locations

13 - Terminal 15 relief relay -J404-

- Colour: Black

14 - Automatic intermittent wash and wipe control unit -J932-

- Colour: Dark-grey

15 - Automatic intermittent wash and wipe control unit -J932-

- Colour: Dark-grey

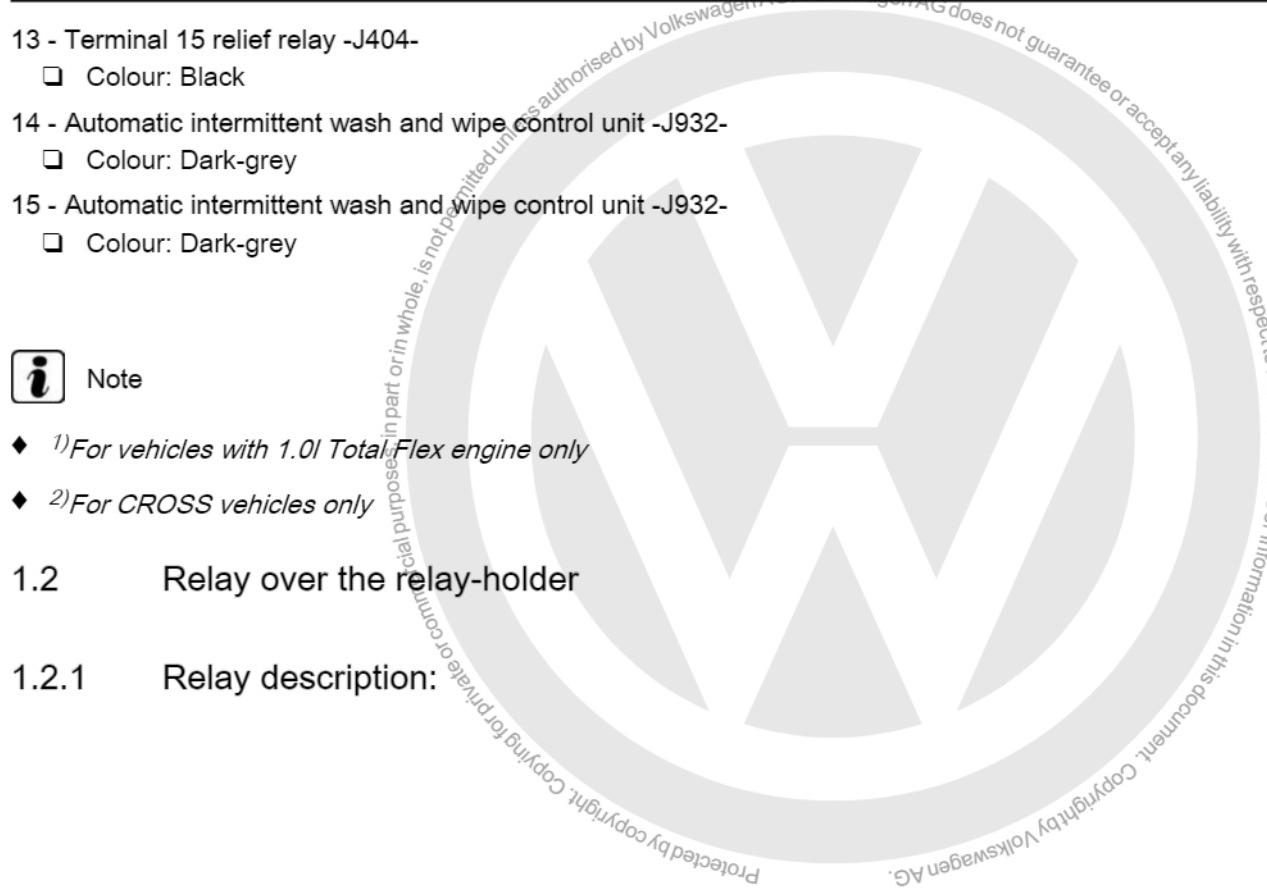


Note

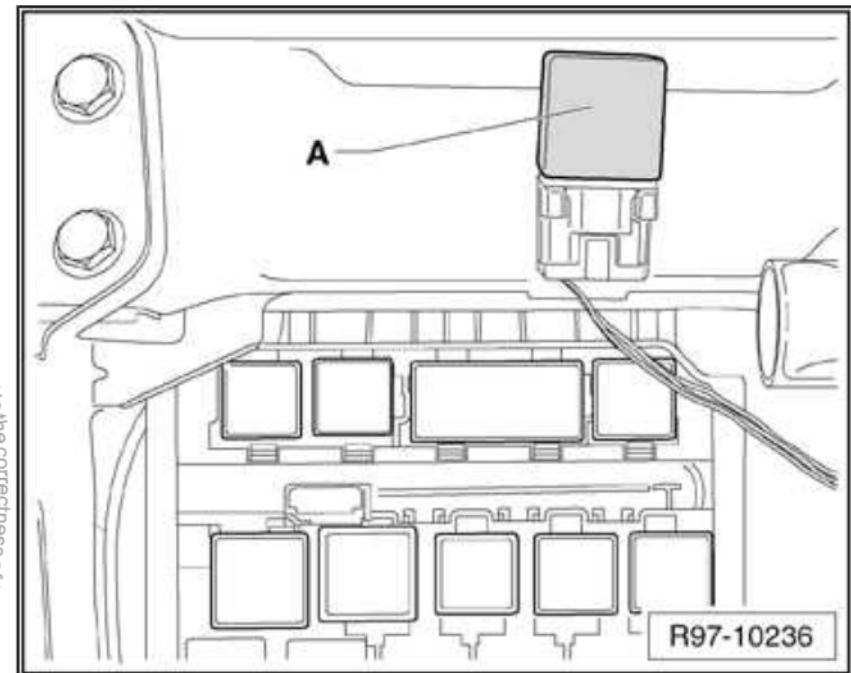
- ◆ 1) For vehicles with 1.0l TotalFlex engine only
- ◆ 2) For CROSS vehicles only

1.2 Relay over the relay-holder

1.2.1 Relay description:



A - Hazard warning light relay -J2-

 Colour: Yellow

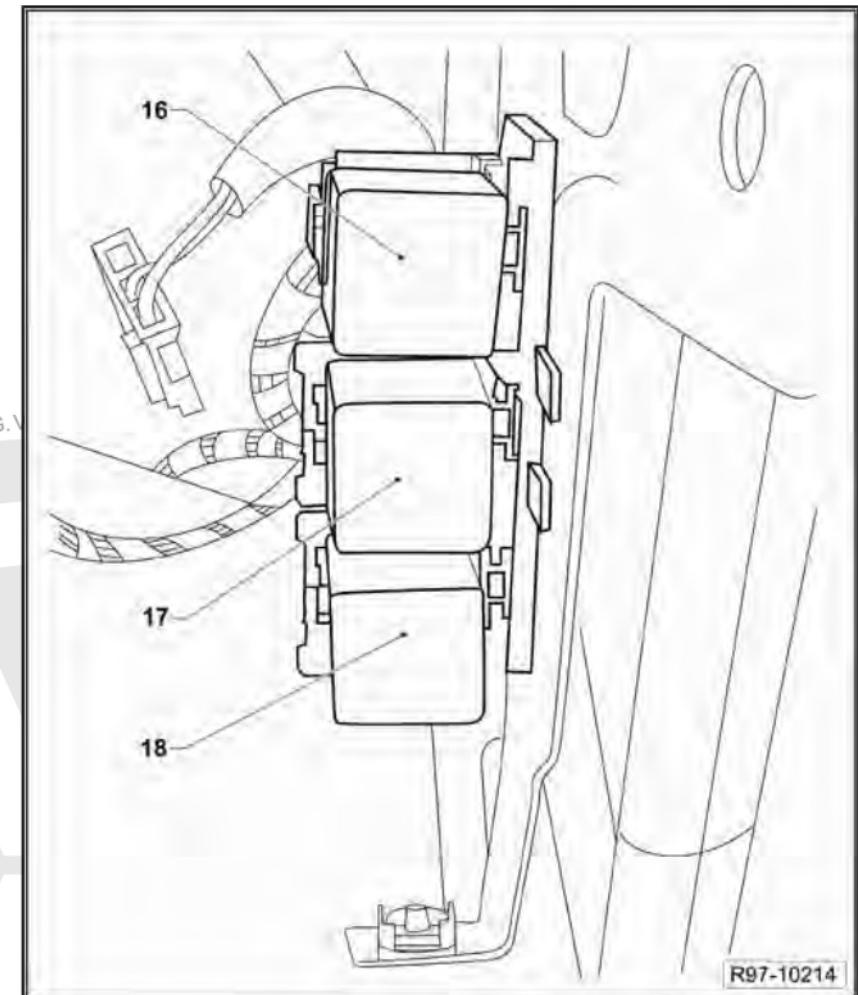
- 1.3 Relay to the right of the dashboard, behind the glove compartment
- 1.3.1 Relay descriptions, as of April 2012:

16 - Empty

17 - Starter motor relay 2 -J695-

Colour: Black

18 - Empty



Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by Volkswagen AG.

Material in this document, Copyright by Volkswagen AG.

